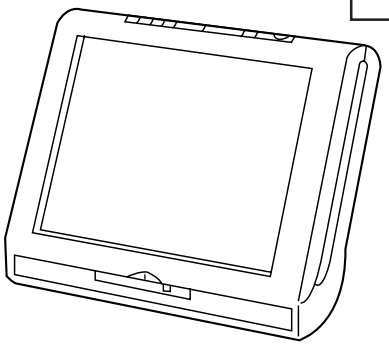
SHARP SERVICE MANUAL

SX2T7LC-10A3U

SUPPLEMENT



LCD COLOR TELEVISION

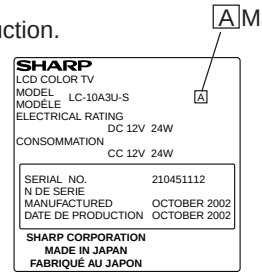
MODEL LC-10A3U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

OUTLINE

The 10" LCD panel used in the LC-10A3U has been redsigned as from the October 2002 production.
Accordingly, the circuitly, LCD panel and its peripheral parts have been partially changed.
This Service manual covers all the changes.
How to identify the newly designed sets

(1) The marking [A] is given on the model label at the bottom of the set.
(2) Serial numbers
210451112~
OCTOBER2002~
(3) The marking "A" is given on the label at the packing case.



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SHARP CORPORATION

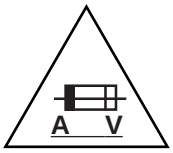
This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

■ **Service work should be perfomed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.



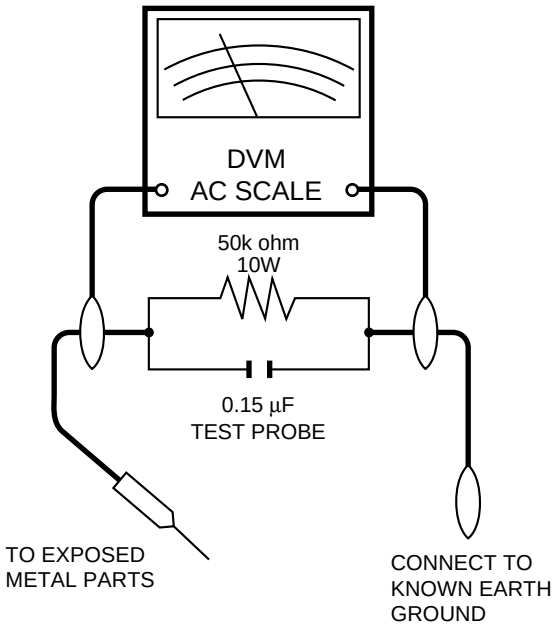
CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE F3701 (1.6A, 125V), F3702(1.6A, 125V) AND F3751 (2.5A, 125V) FUSE.

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 50k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resisor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)
  Any reading of 0.75V peak (this corresponds to 0.5 milliamp. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

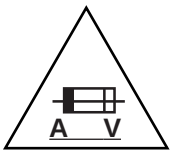
Many electrical and mechanical parts in LCD television have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by " ⚠ " and shaded areas in the ***Replacement Parts Lists*** and ***Schematic Diagrams***.
For continued protection, replacement parts must be identical to those used in the original circuit.
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.



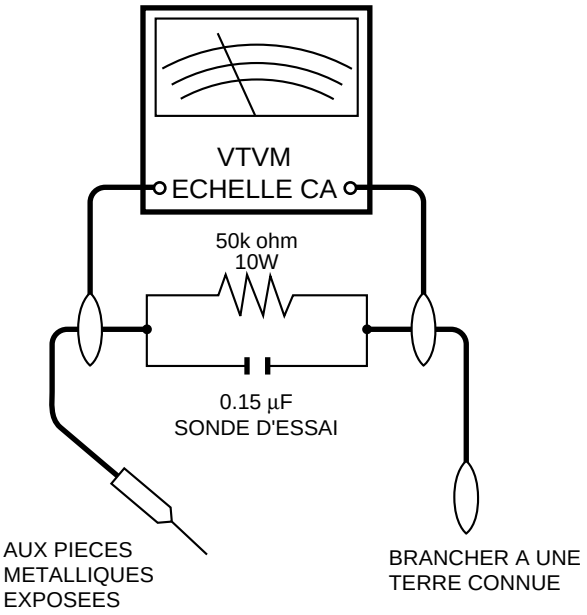
PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE PAR UN FUSIBLE DE MEME TYPE F3701 (1.6A, 125V), F3702 (1.6A, 125V), F3751(2.5A, 125V).

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la facon suivante:

- Brancher le cordon d'alimentation directem-ent à une prise de courant de 110-240V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
- A l'aide de deux fils à pinces, brancher une résistance de 50 kΩ 10 watts en parallèle avec un condensateur de 0,15µF en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000Ω/V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
  Tous les courants mesurés ne doivent pas dépasser 0,5 mA.
  Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.
Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

Precautions for using lead-free solder

1 Employing lead-free solder

"Main PWB" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.
Example:

Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.
As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40ºC, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldening bit, contact our service station or service ranch in your area.

3 Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettabillty, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be excoeded, remove the bit from the PWB as soon as you conurm the steady soldering condition.
Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to tum on and off the power of the bit as required.
if a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.
When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description		Code
ZHNDAi123250E	J	ϕ0.3mm	250g(1roll)	BL
ZHNDAi126500E	J	ϕ0.6mm	500g(1roll)	BK
ZHNDAi12801KE	J	ϕ1.0mm	1kg(1roll)	BM

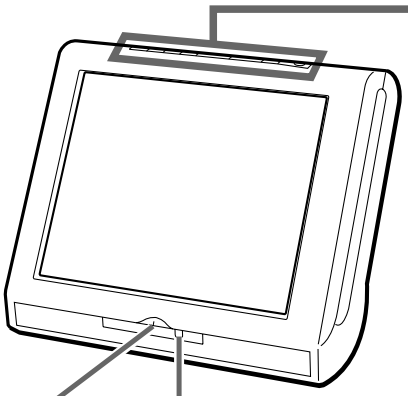
SPECIFICATIONS

ITEMS / MODEL		LC-10A3U
LCD panel		10.4” TFT LCD
Number of pixels		921,600 pixels VGA
Video color systems		N358, N443, PAL, PAL-M, PAL-N, SECAM, PAL-60
TV FUNCTION	Destination	USA/Latin A/Twn
	TV Standard (CCIR)	NTSC/PAL-M/PAL-N
	TV Tuning System	PLL 181 ch.
	STEREO	AV STEREO
	EZ SETUP	Yes
	CATV	125 ch.
4-LINE COMB FILTER		Yes
Brightness		400 cd/m^2
Lamp life		60,000 Hours
Viewing angles		H: 120° V: 100°
Audio amplifier		1.0 W × 2
Speakers		1-3/16 × 1-37/64 in. (3 × 4 cm), 2 pcs
Terminals	AV1	AV-IN 1, S-IN
	AV2	AV-IN 2
	AV OUT	AV-OUT
	ANT	F-Type
	H/P	Mini-jack for stereo (3.5 ø) (Rear)
OSD LANGUAGE		English/French/Spanish
Power supply		DC 12 V, AC110-240 V
Weight		3.97 lbs (1.8 kg) w/o accessories
Accessories		R/C, Batteries, Wall mount parts, Antenna cable, AC adapter, AC cord

■ Design and specifications are subject to change without notice.

OPERATION MANUAL

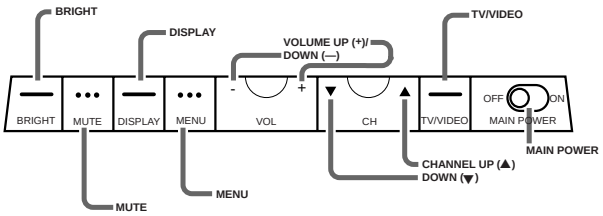
Main unit (front view)



Power/standby indicator
A green indicator lights when the power is on and a red indicator lights when in the standby mode (the indicator will not light when the power is off).

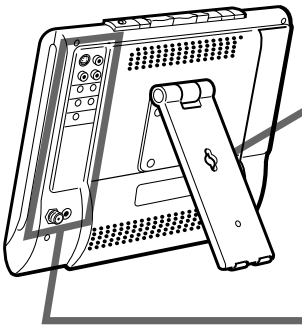
Remote sensor window
(The actual location is not visible)

Top control panel



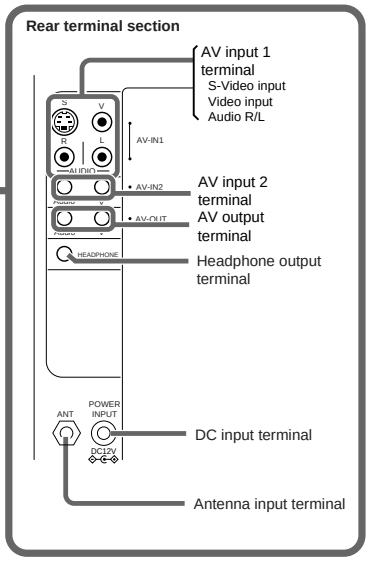
■ The 🔇 **(MUTE), DISPLAY, MENU, VOLUME UP(+)/DOWN(–), CHANNEL UP(▲)/DOWN(▼)**, and **TV/VIDEO** buttons provide the same functions as the buttons on the remote control.
(The **MENU** button has a slightly different function from the remote control button.)

Main unit (rear view)

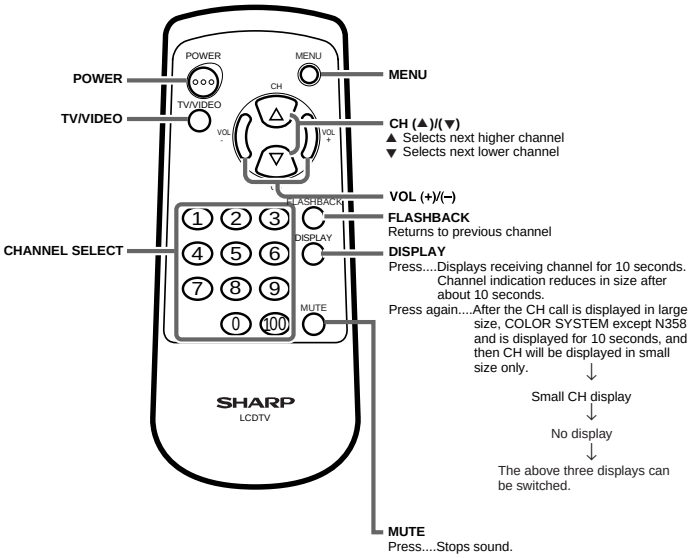


Adjust the set stand to an angle so that the screen is easily visible. The set stand can be opened up to 80 .

Rear terminal section



Remote control



POWER

MENU

TV/VIDEO

CH (▲)/(▼)
▲ Selects next higher channel
▼ Selects next lower channel

VOL (+)/(–)

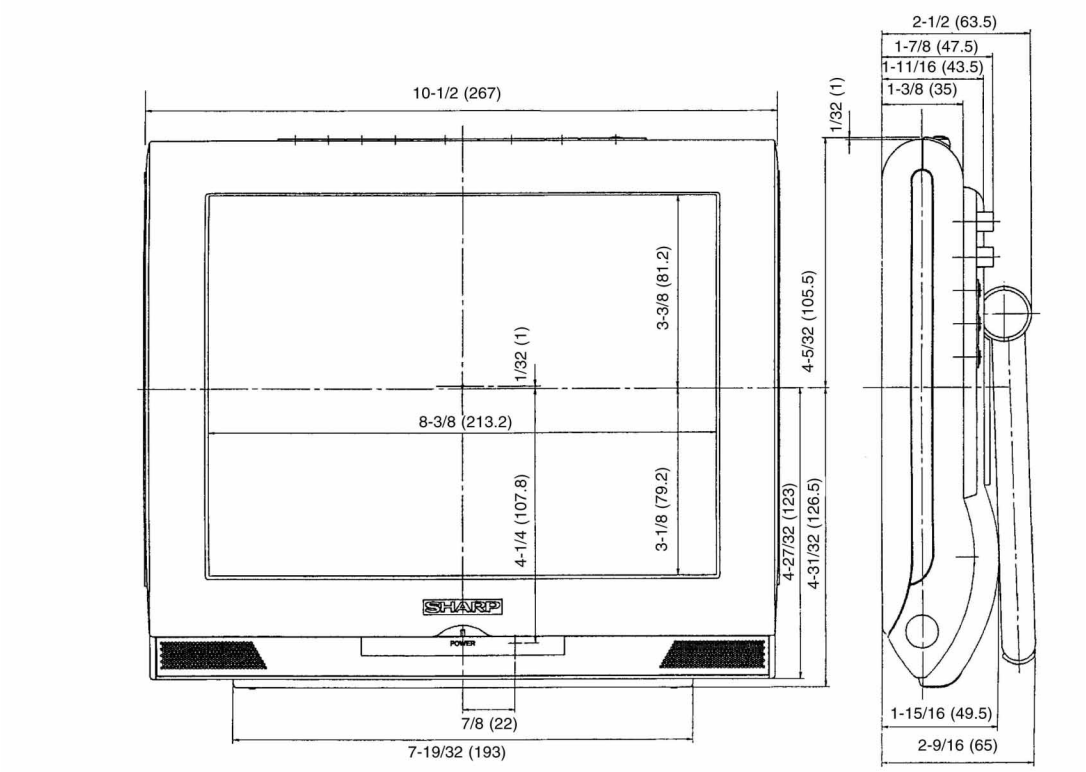
FLASHBACK
Returns to previous channel

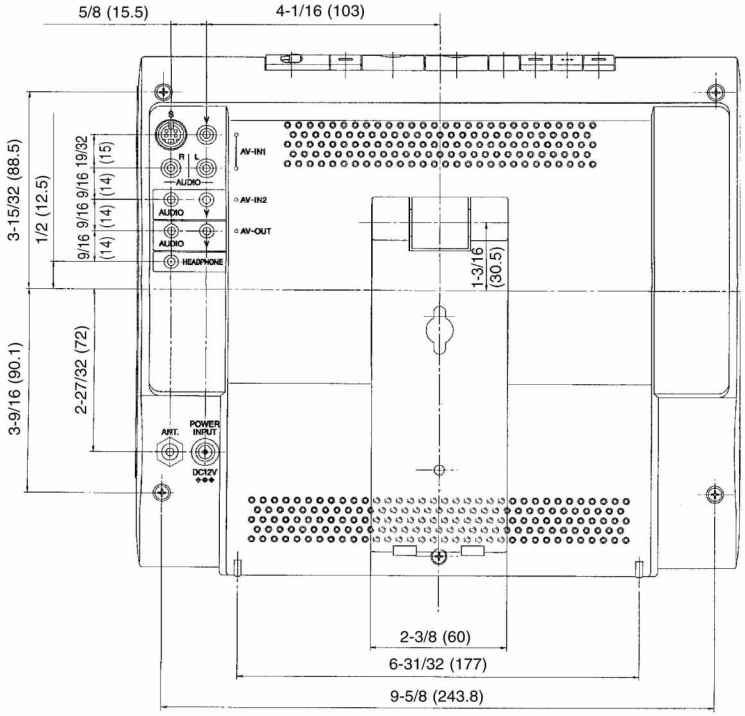
CHANNEL SELECT

DISPLAY
Press....Displays receiving channel for 10 seconds. Channel indication reduces in size after about 10 seconds.
Press again....After the CH call is displayed in large size, COLOR SYSTEM except N358 and is displayed for 10 seconds, and then CH will be displayed in small size only.
↓
Small CH display
↓
No display
↓
The above three displays can be switched.

MUTE
Press....Stops sound.

DIMENSIONS

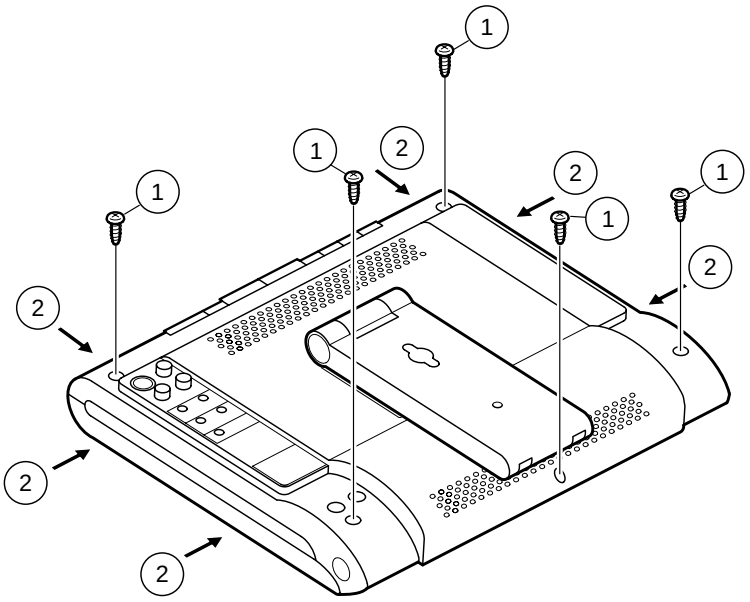


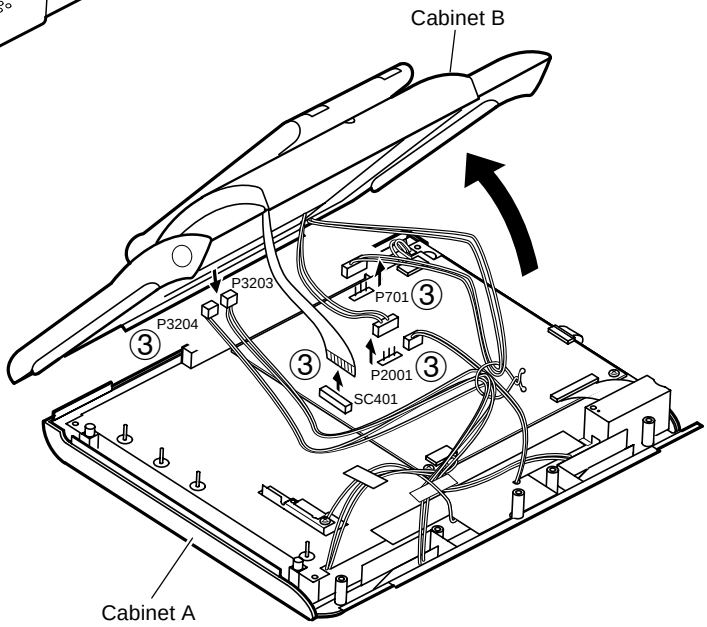


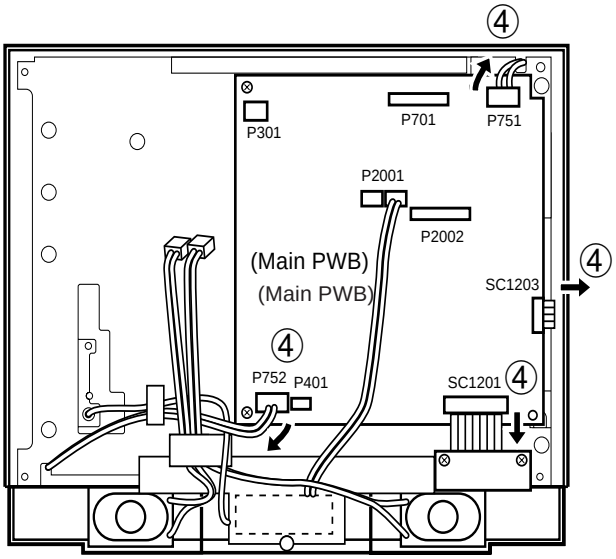
Unit:inch (mm)

REMOVING OF MAJOR PARTS

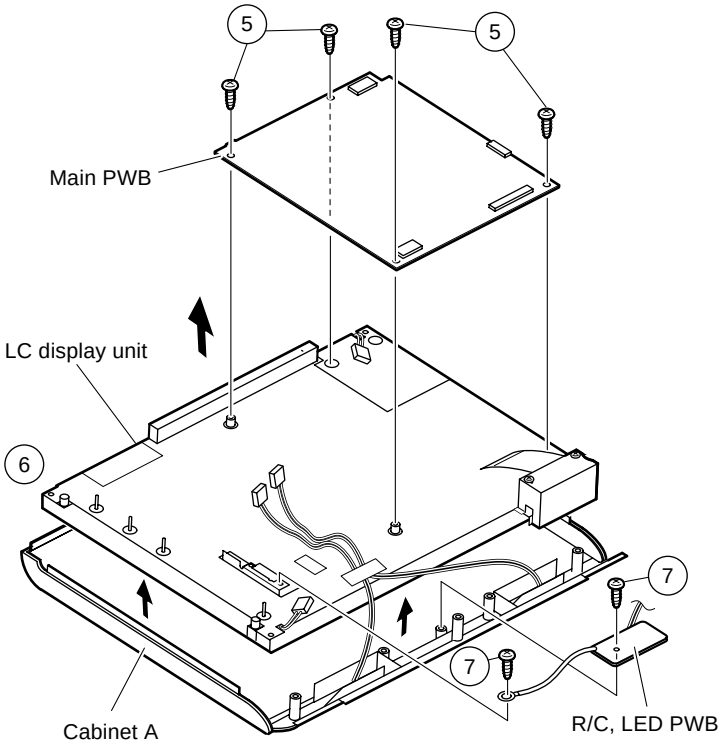
1. Remove the five lock screws ① off the cabinet B.
2. Push on the six hooks ② of the cabinet B and open it slightly.
3. Disconnect all the connectors ③ from the tuner and switch PWBs. Detach the cabinet B.
4. Disconnect all the connectors ④ from the main PWB.

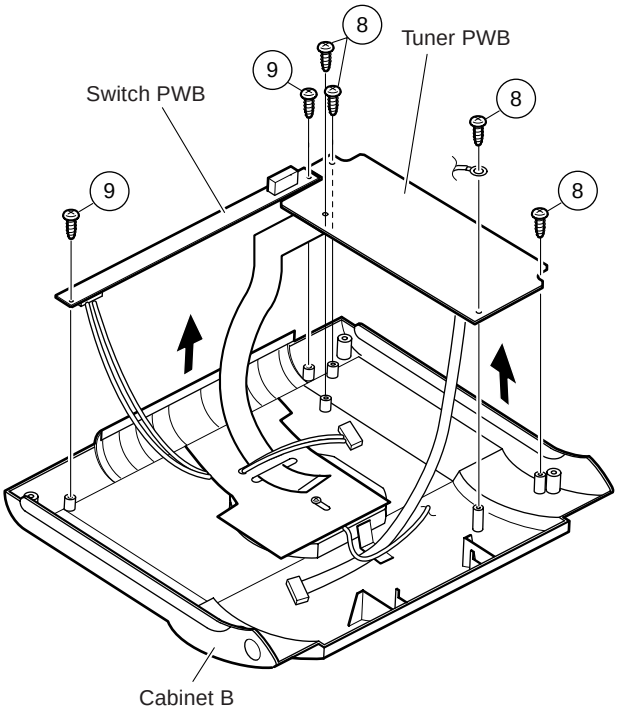


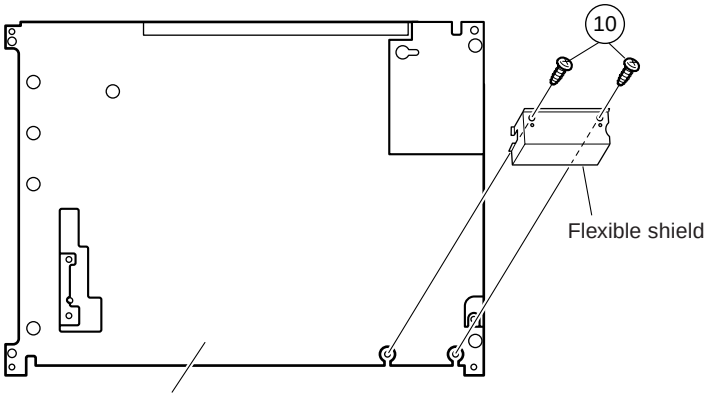




5. Remove the four lock screws ⑤ off the main PWB.
6. Peel off the tapes ⑥ and detach the LCD panel unit.
7. Remove the two lock screws ⑦ off the R/C, LED PWB.
8. Remove the two lock screws ⑧ off the terminal PWB.
9. Remove the two lock screws ⑨ off the switch PWB.
10. Remove the two lock screws ⑩ off the flexible shield.

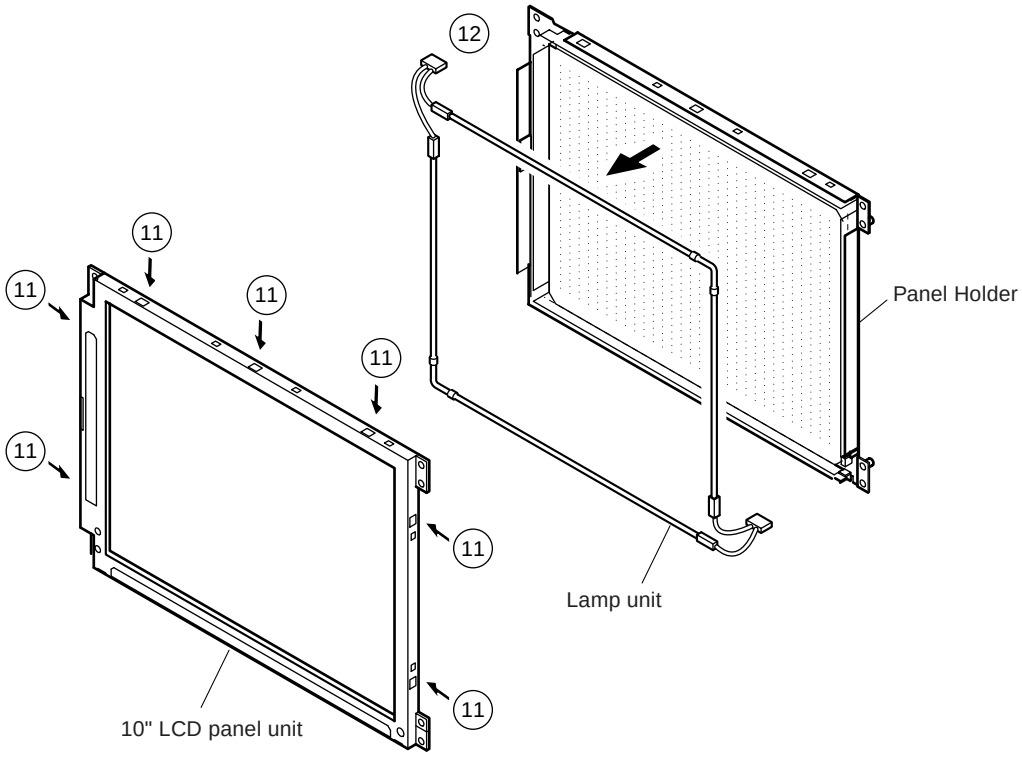






10" LCD Panel unit ass'y
(Rear view)

11.Undo the seven hooks ⑪ to release the unit frame.
12.Detach the fluorescent lamp⑫.



ADJUSTING PROCEDURE OF EACH SECTION

The best adjustment is made before shipping. If any position deviation is found or after part replace is performed, adjust as follows.

1. Preparation for Adjustments

(1) Use the exclusive-use AC adapter or stable DC power supply.
AC adapter: UADP-0227CEPZ
DC power supply: 12 ± 0.5V

2. Special mode setting procedure

(1) After initialization of E^2PROM the mode is changed to the adjustment mode.
[Procedure]
Connect TP2001 and TP2002 to GND, and turn on the power.

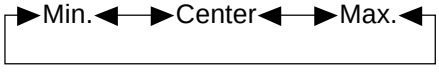
[Description]
- The initialization of microcomputer is as follows.
- AV position, DAC data, G/A data, sound processor data, and video chroma data adjustment values are taken as defaults.

(2) Adjustment mode
[Procedure]
Short-circuit TP2001 to GND, and turn on the power.
Or short-circuit TP2002 to GND, and turn on the power.
Or holding down the [TV/VIDEO] key and [MENU] key, turn on the main power, and simultaneously press the (inspection process) [CH ▼] key and [VOL–] key to change the mode to the adjustment mode.

[Description]
The manual adjustment or adjustment through communication with the automatic machine is performed.

(3) Inspection mode
[Procedure]
Holding down the [TV/VIDEO] key and [MENU] key, turn on the power.

[Description]
- In the ordinary menu select “VIDEO ADJUST” with the [CH] key, and decide with the [VOL] key. Then select “PICTURE”, “TINT (only NTSC)”, “COLOR”, “BLACK LEVEL”, “SHARPNESS”, “RED-BLUE”, “GREEN” and “COLOR SYSTEM” with the [CH] key, and decide with the [VOL] key. After that, adjust values with the [VOL] key.
- VOLUME, PICTURE, TINT (only NTSC), COLOR, BLACK LEVEL, SHARPNESS, RED-BLUE, GREEN change as follows.



(4) Shipping setting mode
[Procedure]
Holding down the [TV/VIDEO] key and [MENU] key, turn on the main power, and simultaneously press the (inspection process) [CH ▲] key and [VOL+] key to change the mode to the shipping setting mode.

[Description]
User adjustment and other values are taken as defaults.
If TV is indicated as SETTING COMPLETE, setting has been completed.

3. Cancel of special mode

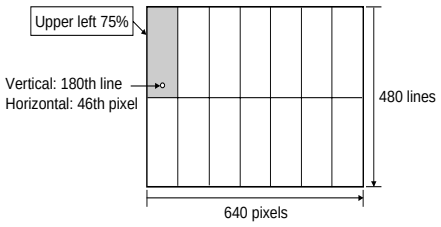
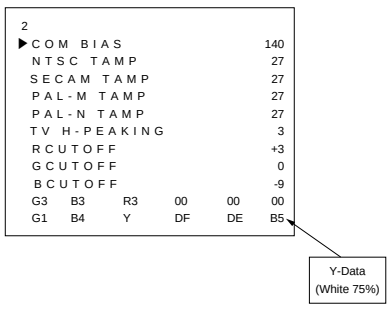
Turn off the main unit power.

4. Reset of lamp error

If the power LED remains red an the power is not turned on, or if repair has been performed, enter the adjustment mode to reset the lamp error.

For the resetting procedure, refer to "No power" in the "trouble shooting Table" section.

5. Adjustments

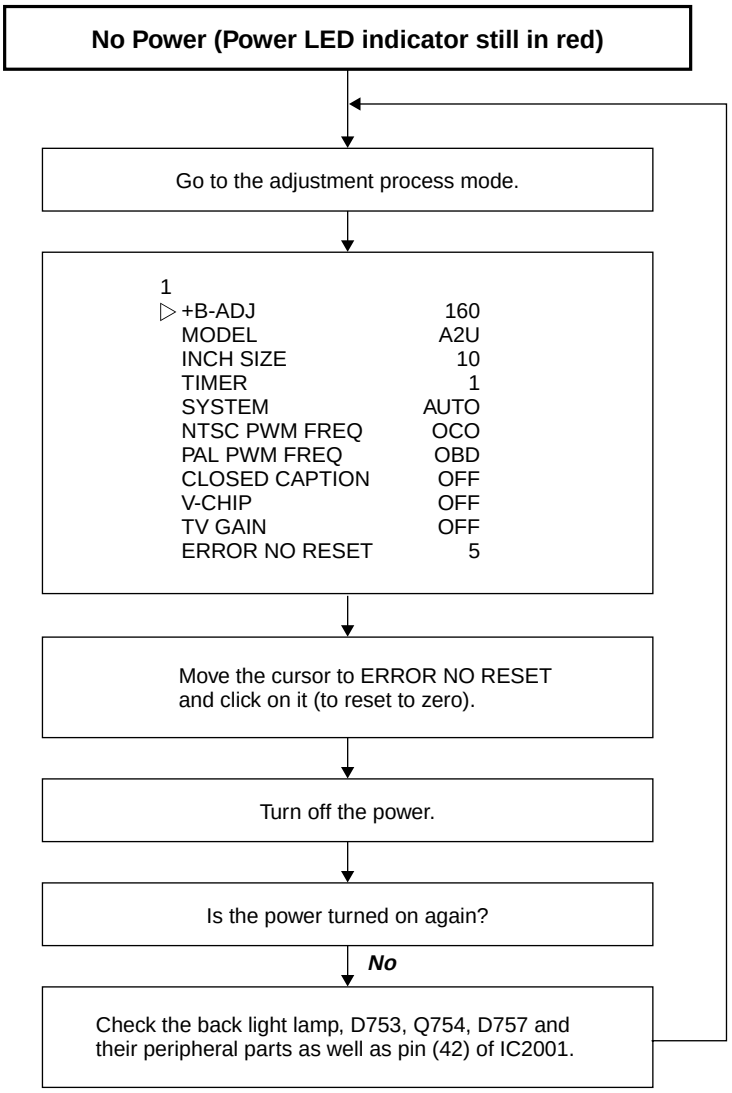
	Adjustment	Adjusting conditions	Adjusting method
1	B+ Adjustment (If E^2PROM is replaced) (IC2004)	1. Connect the DC voltmeter to pin (49) of SC401.	1. Adjust the "B+ Adj" value to 5.0 ± 0.02V with [VOL+] or [VOL-] key. * The color of "+B Adj" must be yellow.
2	Inch Size setup (If E^2PROM is replaced) (IC2004)	1. Go to the adjustment mode.	1. Select "MODEL" and adjust to "A2U" with [VOL +] or [VOL –] key. * The color of "MODEL" must be yellow.
3	Common-bias adjustment	1. Receive a B/W channel. 2. Go to the adjustment mode. 3. Select the "COM BIAS" with [MENU] key.	1. Adjust "COM BIAS" to the darkest screen with [VOL +] and [VOL –] key. * The color of "COM BIAS" must be yellow.
4	TAMP adjustment	1. In the TV mode, the unit receives a picture of the half color bar signal whose left top corner is 75% white. The signal does not have to be the half color bar as long as the 180th line from the top and 46th pixel from the left is 75% white. (Data at this point is used for adjustment.) 	
		2. Adjust "NTSC TAMP" on the page 2 of the adjustment process mode so that the "Y" value on the same page falls between B0 - BA. Page 2 of the adjustment process mode  3. Set the values of PAL-M TAMP and PAL-N TAMP same.	

	Adjustment	Adjusting conditions	Adjusting method
5	White balance adjustment	1. Receive the monoscope pattern signal. 2. Adjust the "RCUTOFF" and "BCUTOFF" settings on the page 2 of the adjustment process mode to become the proper white balance. Do not change the "GCUTOFF" settings. (It also change the black level.)	
6	Checking and modifying the settings (If E^2PROM is replaced)	1. Go to the adjustment mode and check the following settings. ● V0 240 ● V16 201 ● V16 BIAS 127 ● V32 99 ● V32 BIAS 127 ● V48 47 ● V48 BIAS 127 ● V63 0 ● VGL ADJ 90 ● COM 195	1.See if all the settings are as specified. If not, select an item in question with [VOL +] or [VOL –] key and adjust the setting as shown at left. * An item selected will be highlighted in yellow.

6. Shipping setting list

Channel 2ch
Air/Cable ..... Air
Skip Data_CATV ..... All Skip
Skip Data_AIR ..... All Skip
Volume 20
Picture 30
Tint 0
Color 0
Black Level 0
SHARP 0
RED-BLUE 0
GREEN 0
TV Color System N358
AV Color System ..... Auto
Language ..... English
Blue Screen ..... Off
EZ Setup Auto Start ..... On
Sleep Timer ..... None
Brightness ..... Bright
Auto Power Off ..... Off
Upside ..... Normal
Rigth/Left ..... Normal

TROUBLE SHOOTING TABLE


No Power (Power LED indicator still in red)
Go to the adjustment process mode.
1
▷ +B-ADJ 160
MODEL A2U
INCH SIZE 10
TIMER 1
SYSTEM AUTO
NTSC PWM FREQ OCO
PAL PWM FREQ OBD
CLOSED CAPTION OFF
V-CHIP OFF
TV GAIN OFF
ERROR NO RESET 5
Move the cursor to ERROR NO RESET and click on it (to reset to zero).
Turn off the power.
Is the power turned on again?
No
Check the back light lamp, D753, Q754, D757 and their peripheral parts as well as pin (42) of IC2001.

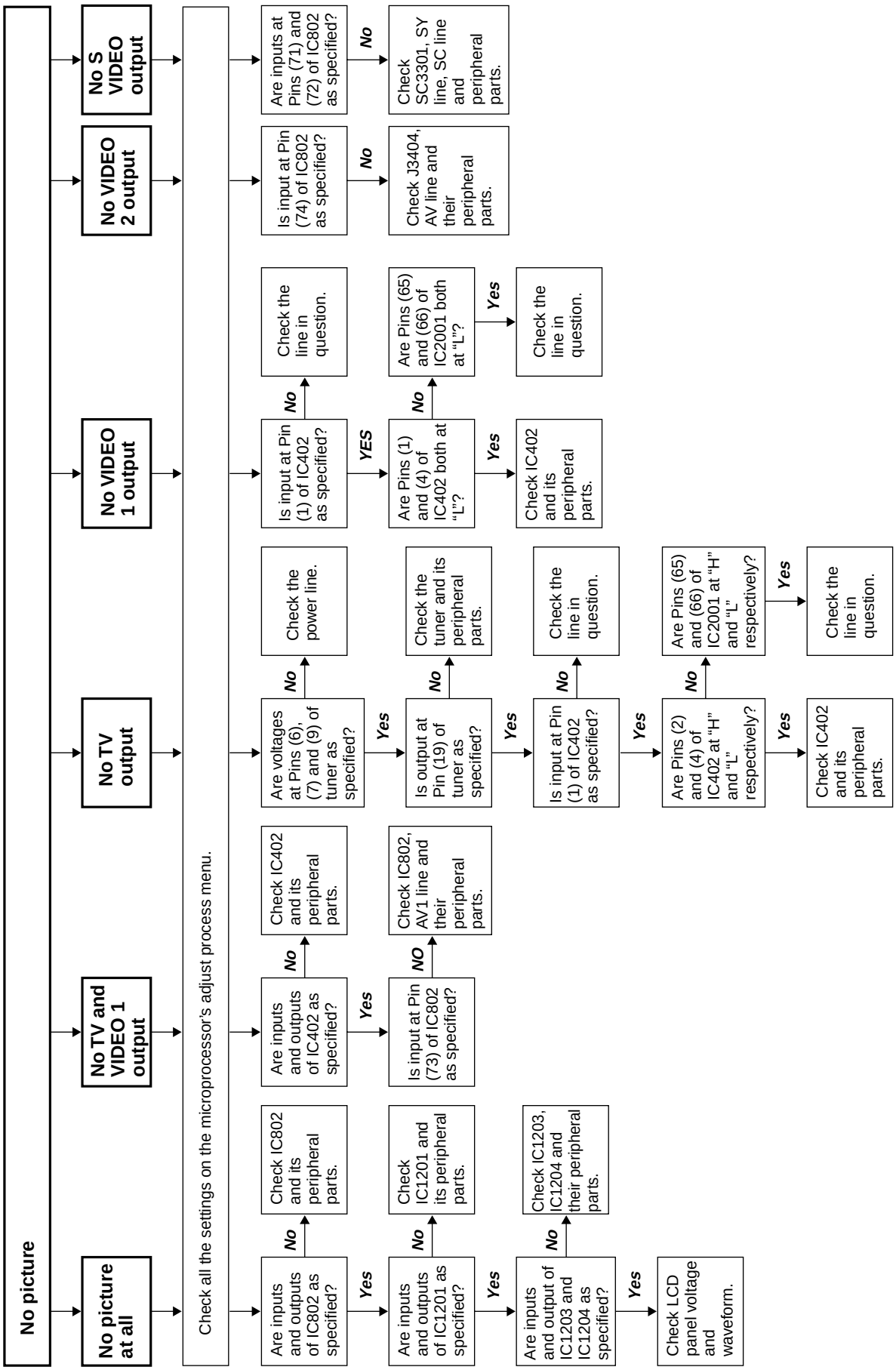
Note:

This model is equipped with the lamp error detection function that detects the current flowing into the fluorescent lamp and protects the backlight lamp drive circuit.

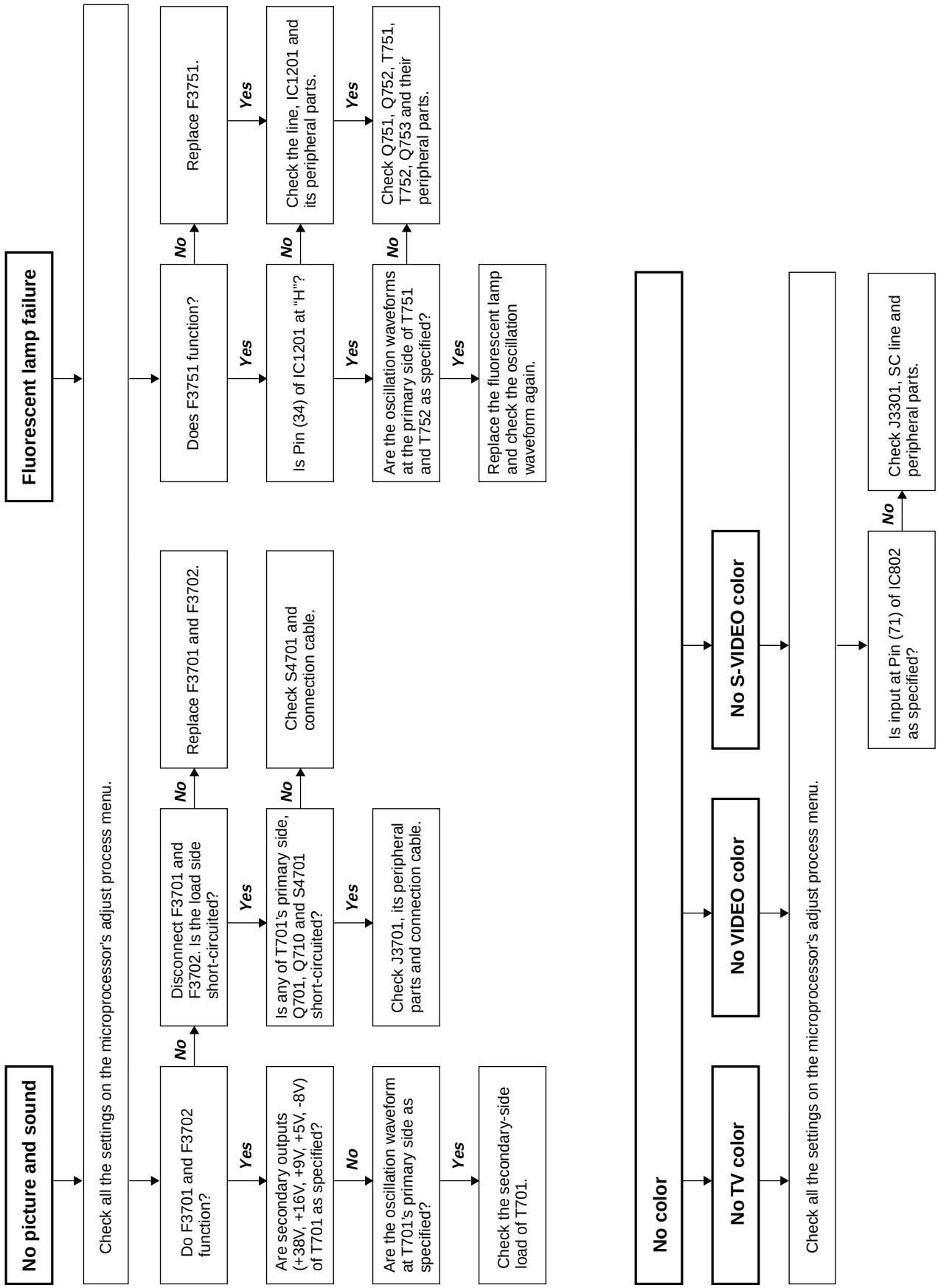
If a lamp error is detected, the microprocessor interrupts the unit and the ERROR NO RESET setting will go up.

When the ERROR NO RESET setting has reached "5", the microprocessor turns and keeps off the unit's power. To resume the power, take the above procedure to clear the ERROR NO RESET setting.

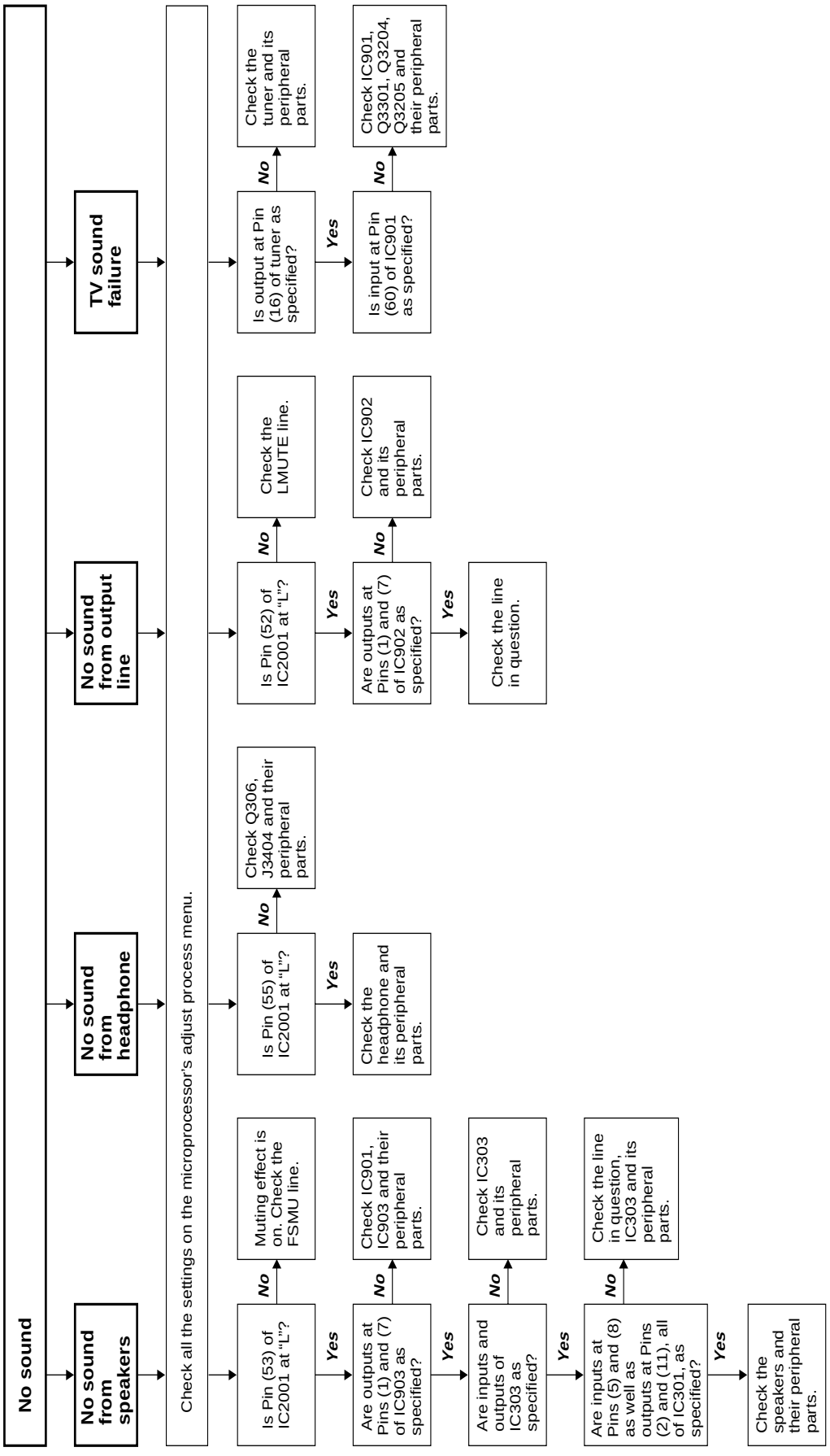
TROUBLE SHOOTING TABLE (Continued)


No picture
No picture at all
Check all the settings on the microprocessor's adjust process menu.
Check LCD panel voltage and waveform.
No TV and VIDEO 1 output
Are inputs and outputs of IC802 as specified?
No
Check IC802 and its peripheral parts.
Yes
Are inputs and outputs of IC402 as specified?
No
Check IC402 and its peripheral parts.
Yes
Is input at Pin (73) of IC802 as specified?
NO
Check IC802, AV1 line and their peripheral parts.
No TV output
Are inputs and outputs of IC1201 as specified?
No
Check IC1201 and its peripheral parts.
Yes
Are voltages at Pins (6), (7) and (9) of tuner as specified?
No
Check the power line.
Yes
Is output at Pin (19) of tuner as specified?
No
Check the tuner and its peripheral parts.
Yes
Are inputs and output of IC1203 and IC1204 as specified?
No
Check IC1203, IC1204 and their peripheral parts.
Yes
Is input at Pin (1) of IC402 as specified?
No
Check the line in question.
Yes
Are Pins (2) and (4) of IC402 at "H" and "L" respectively?
No
Are Pins (65) and (66) of IC2001 at "H" and "L" respectively?
Yes
Check the line in question.
Yes
Check IC402 and its peripheral parts.
No VIDEO 1 output
Is input at Pin (1) of IC402 as specified?
YES
Check the line in question.
No
Are Pins (1) and (4) of IC402 both at "L"?
No
Are Pins (65) and (66) of IC2001 both at "L"?
Yes
Check the line in question.
Yes
Check IC402 and its peripheral parts.
No VIDEO 2 output
Is input at Pin (74) of IC802 as specified?
No
Check J3404, AV line and their peripheral parts.
No S VIDEO output
Are inputs at Pins (71) and (72) of IC802 as specified?
No
Check SC3301, SY line, SC line and peripheral parts.

TROUBLE SHOOTING TABLE (Continued)

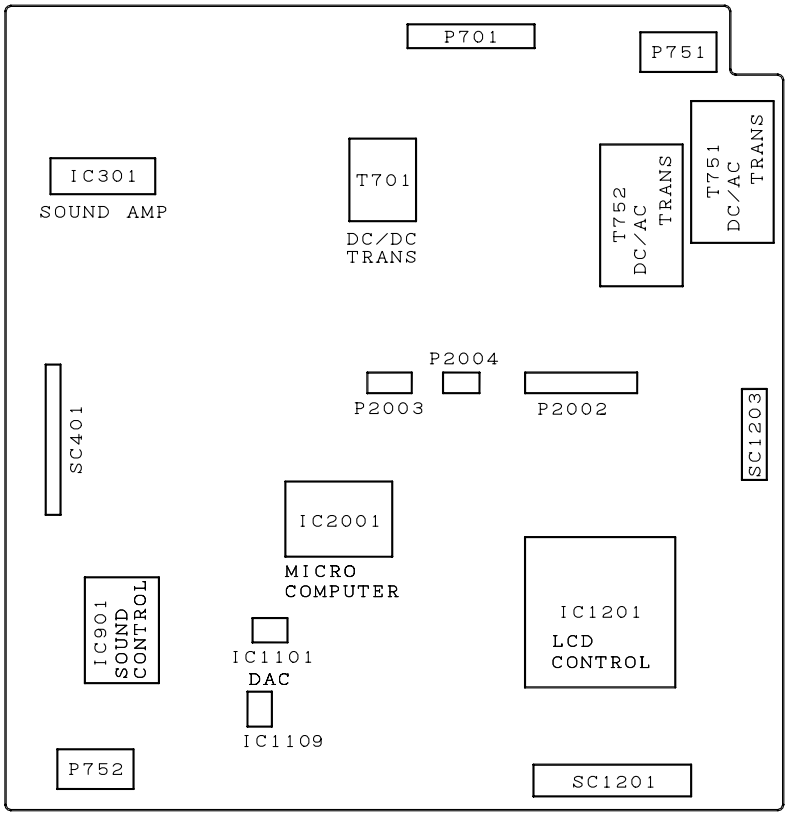

No picture and sound
Check all the settings on the microprocessor's adjust process menu.
Do F3701 and F3702 function?
No
Disconnect F3701 and F3702. Is the load side short-circuited?
No
Replace F3701 and F3702.
Yes
Are secondary outputs (+38V, +16V, +9V, +5V, -8V) of T701 as specified?
No
Is any of T701's primary side, Q701, Q710 and S4701 short-circuited?
No
Check S4701 and connection cable.
Yes
Are the oscillation waveform at T701's primary side as specified?
No
Check J3701, its peripheral parts and connection cable.
Yes
Check the secondary-side load of T701.
Fluorescent lamp failure
Check all the settings on the microprocessor's adjust process menu.
Does F3751 function?
No
Replace F3751.
Yes
Is Pin (34) of IC1201 at "H"?
No
Check the line, IC1201 and its peripheral parts.
Yes
Are the oscillation waveforms at the primary side of T751 and T752 as specified?
No
Check Q751, Q752, T751, T752, Q753 and their peripheral parts.
Yes
Replace the fluorescent lamp and check the oscillation waveform again.
No color
No TV color
No VIDEO color
No S-VIDEO color
Check all the settings on the microprocessor's adjust process menu.
Is input at Pin (71) of IC802 as specified?
No
Check J3301, SC line and peripheral parts.

TROUBLE SHOOTING TABLE (Continued)

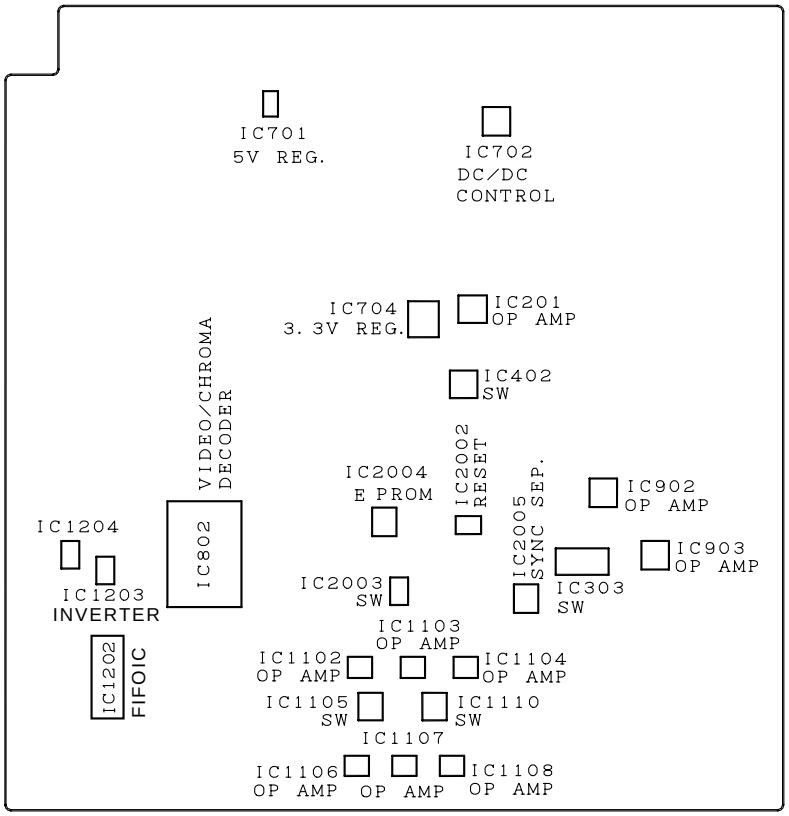

No sound
No sound from speakers
No sound from headphone
No sound from output line
TV sound failure
Check all the settings on the microprocessor's adjust process menu.
Is Pin (53) of IC2001 at "L"?
No
Muting effect is on. Check the FSMU line.
Yes
Are outputs at Pins (1) and (7) of IC903 as specified?
No
Check IC901, IC903 and their peripheral parts.
Yes
Are inputs and outputs of IC303 as specified?
No
Check IC303 and its peripheral parts.
Yes
Are inputs at Pins (5) and (8) as well as outputs at Pins (2) and (11), all of IC301, as specified?
No
Check the line in question, IC303 and its peripheral parts.
Yes
Check the speakers and their peripheral parts.
Is Pin (55) of IC2001 at "L"?
No
Check Q306, J3404 and their peripheral parts.
Yes
Check the headphone and its peripheral parts.
Is Pin (52) of IC2001 at "L"?
No
Check the LMUTE line.
Yes
Are outputs at Pins (1) and (7) of IC902 as specified?
No
Check IC902 and its peripheral parts.
Yes
Check the line in question.
Is output at Pin (16) of tuner as specified?
No
Check the tuner and its peripheral parts.
Yes
Is input at Pin (60) of IC901 as specified?
No
Check IC901, Q3301, Q3204, Q3205 and their peripheral parts.

CHASSIS LAYOUT

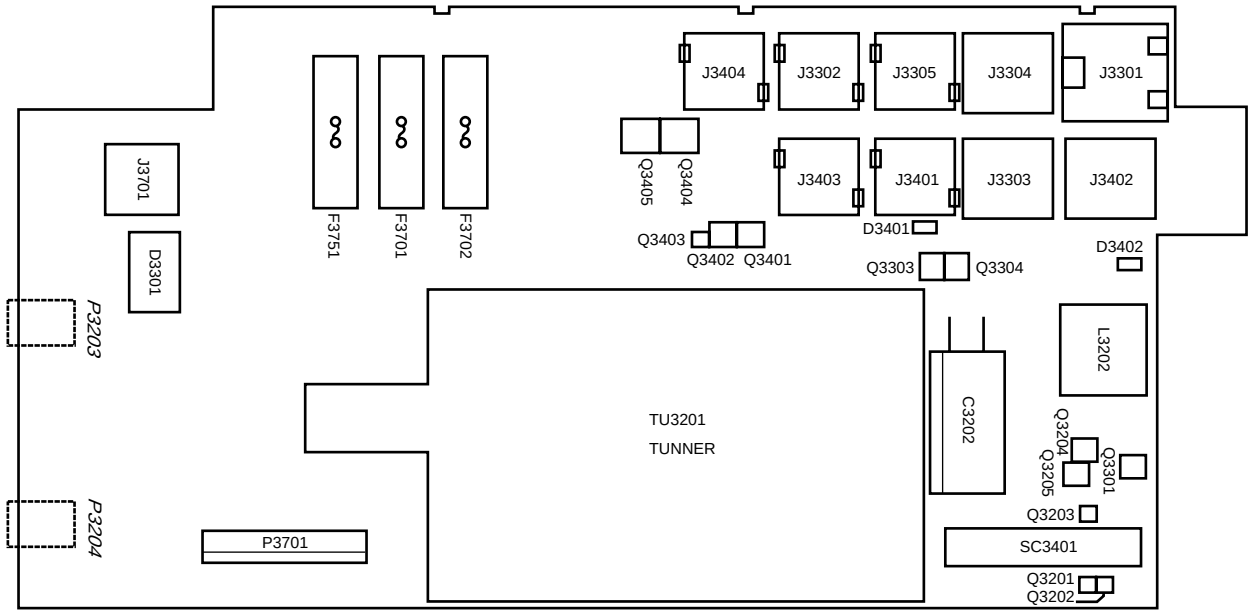
MAIN Unit (Side-A)



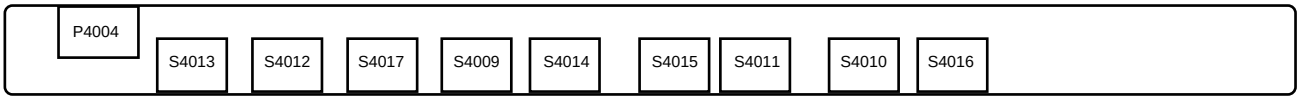
MAIN Unit (Side-A)



TUNER Unit

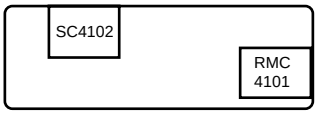


SWITCH Unit (Side-A)



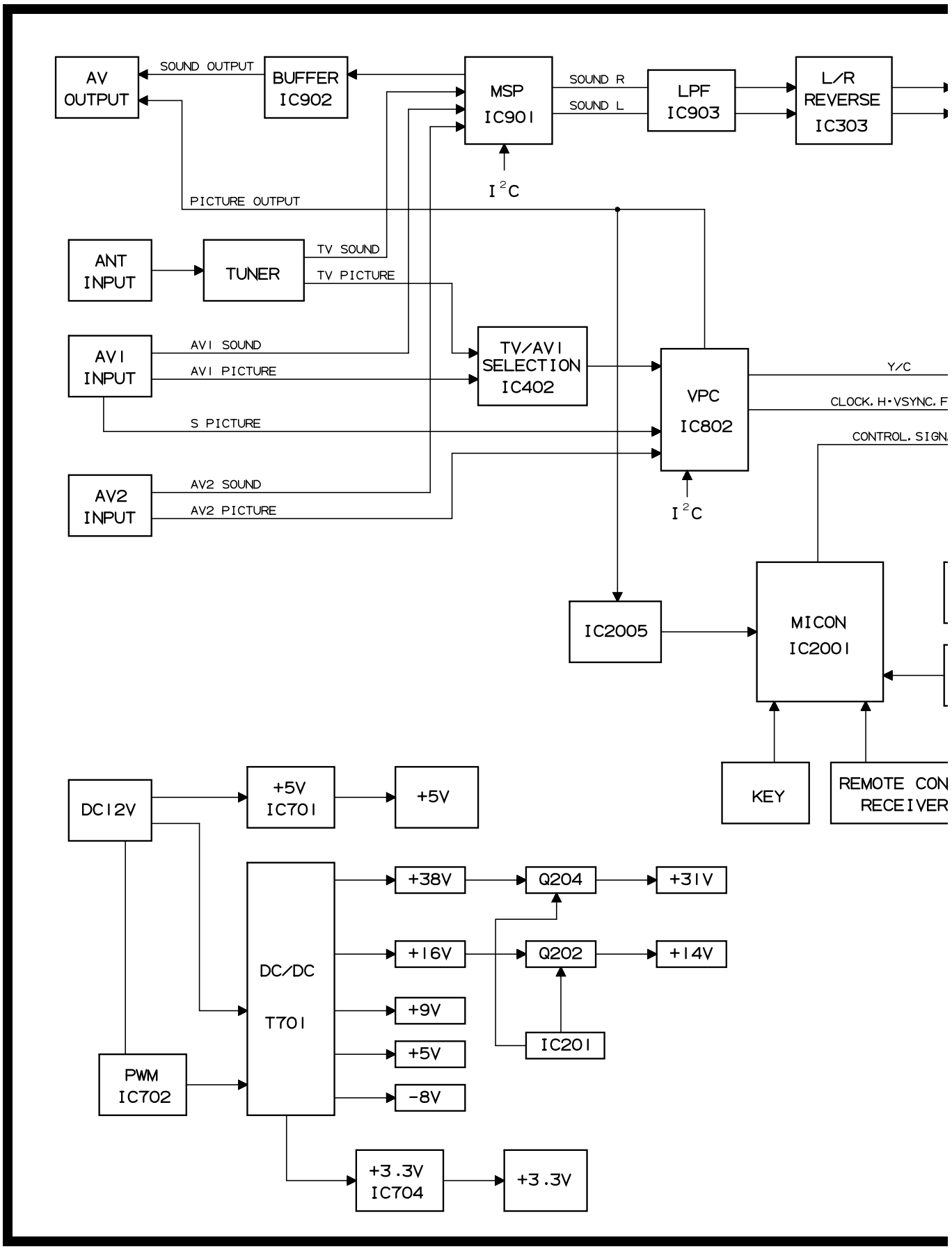
SWITCH Unit (Side-B)

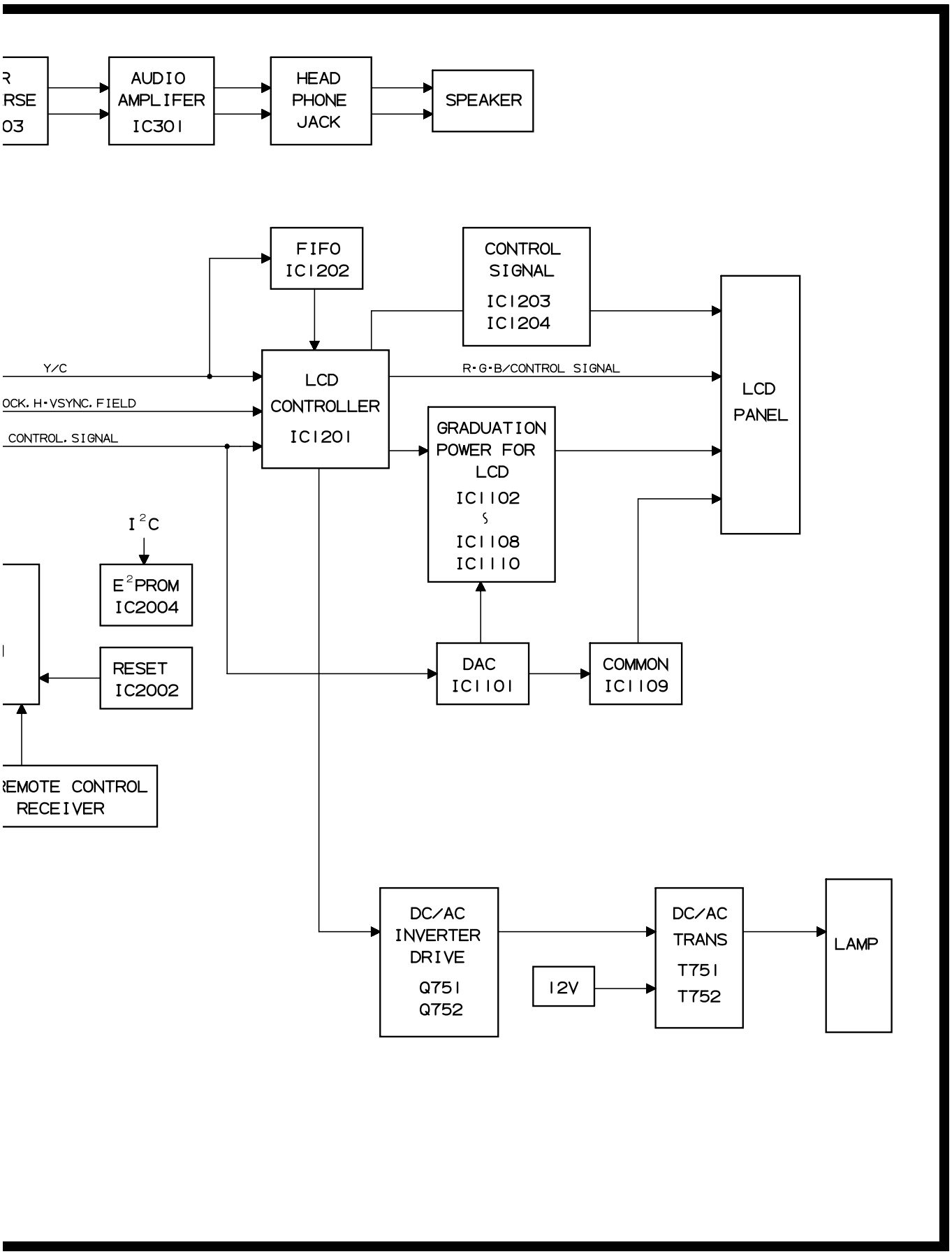
R/C, LED Unit



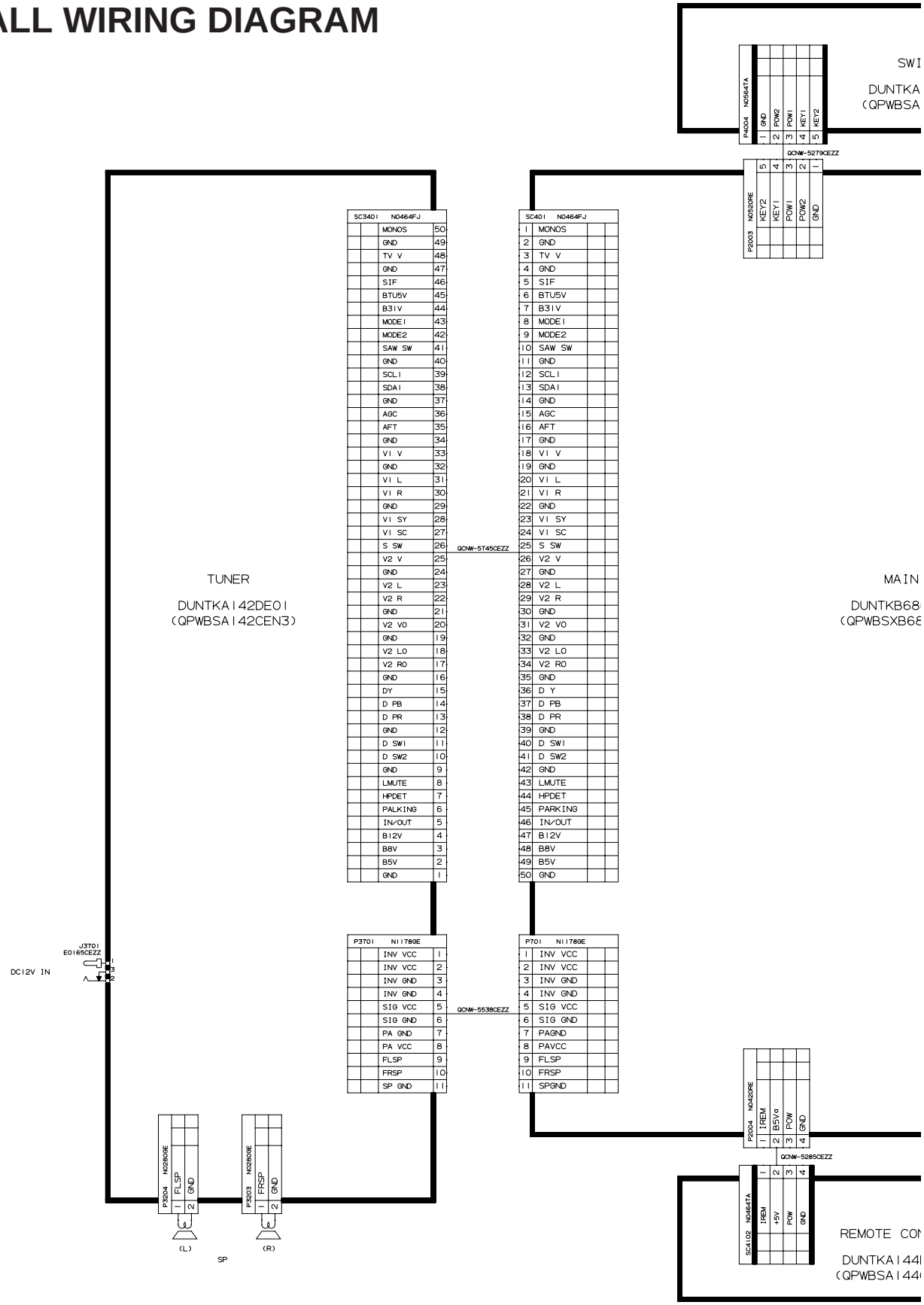
10	11	12	13	14	15	16	17	18	19

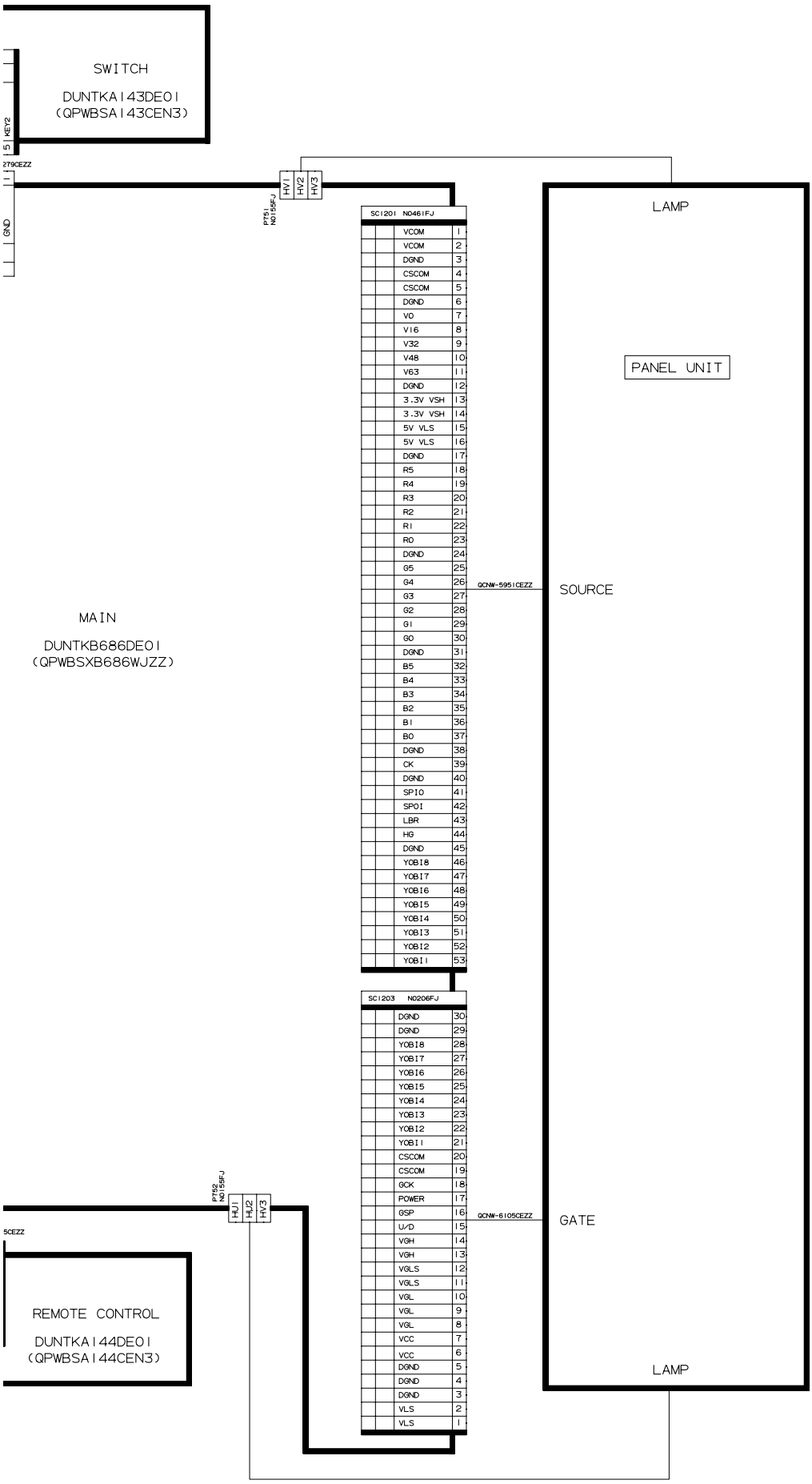
BLOCK DIAGRAM




AUDIO AMPLIFER IC301
HEAD PHONE JACK
SPEAKER
FIFO IC1202
CONTROL SIGNAL IC1203 IC1204
Y/C
LCD CONTROLLER IC1201
R·G·B/CONTROL SIGNAL
LCD PANEL
CONTROL. SIGNAL
GRADUATION POWER FOR LCD IC1102 ~ IC1108 IC1110
I²C
E²PROM IC2004
RESET IC2002
DAC IC1101
COMMON IC1109
REMOTE CONTROL RECEIVER
DC/AC INVERTER DRIVE Q751 Q752
12V
DC/AC TRANS T751 T752
LAMP

OVERALL WIRING DIAGRAM





10	11	12	13	14	15	16	17	18	19

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid Ⓦ: Cement
   Ⓢ: Oxide Film Ⓣ: Special
   Ⓝ: Metal Coating

CAPACITOR

1. All capacitors are μF, unless otherwise noted. (P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.
   (ML): Mylar (TA): Tantalum
   (PF): Polypro Film (ST): Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:

1. ***DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.***
2. ***SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.***

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

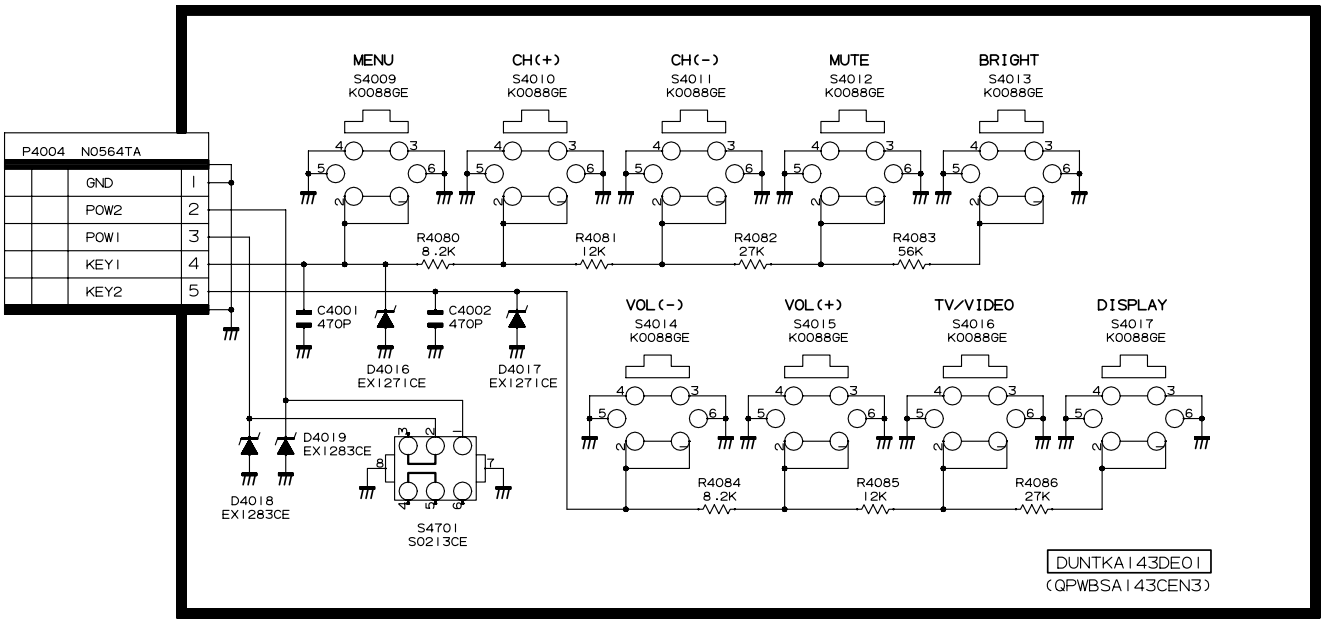
AVIS DE SECURITE IMPORTANT:

LES PIECES MARQUEES "⚠" ( )SONT IMPORTANTES POUR MAINTENIR LA SECURITE DE L'APPAREIL.
NE REMPLACER CES PIEDES QUE PAR DES PIECES DONT LE NUMERO EST SPECIFIE POUR MAINTENIR LA SECURITE ET PROTEGER LE BON FONCTIONNEMENT DE L'APPAREIL.

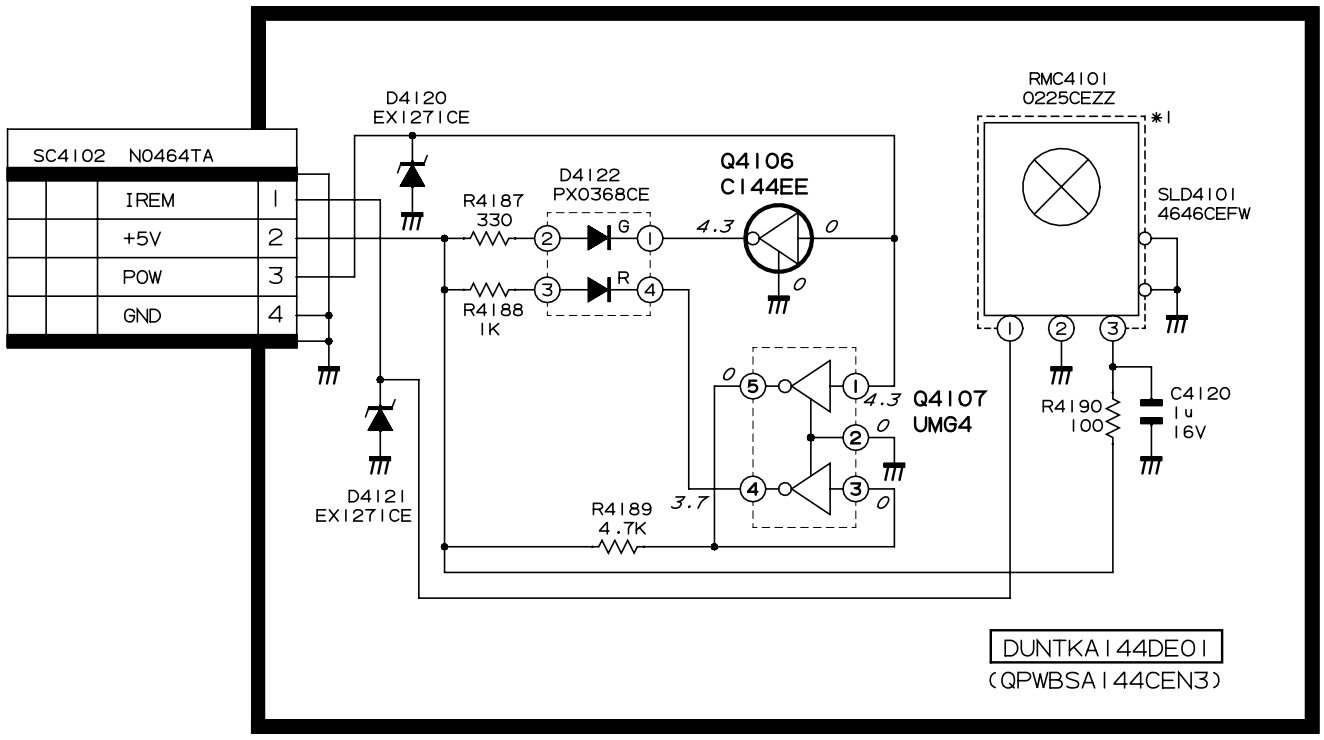
SCHEMATIC DIAGRAM

■SWITCH and R/C, LED Unit

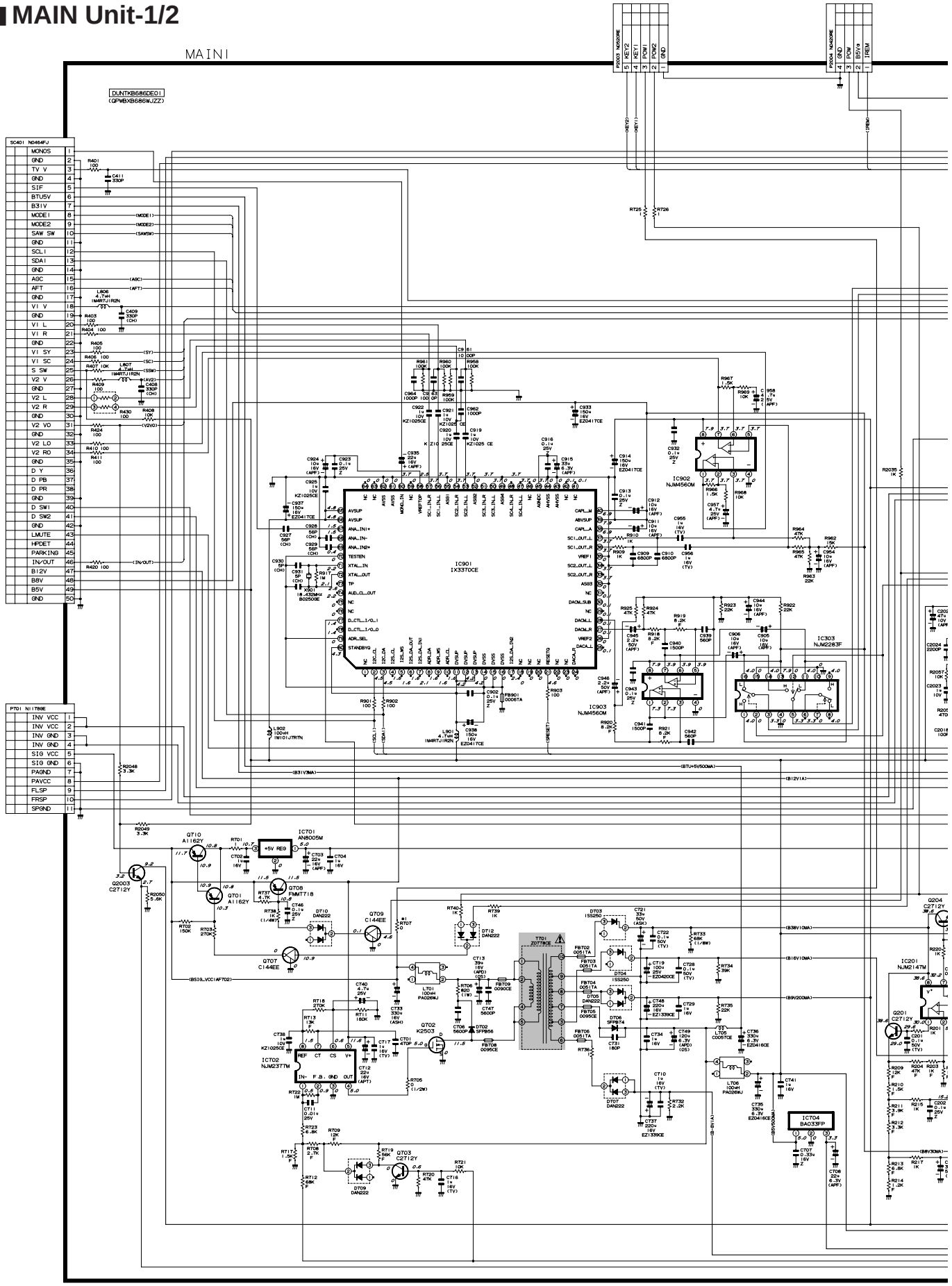
SWITCH UNIT

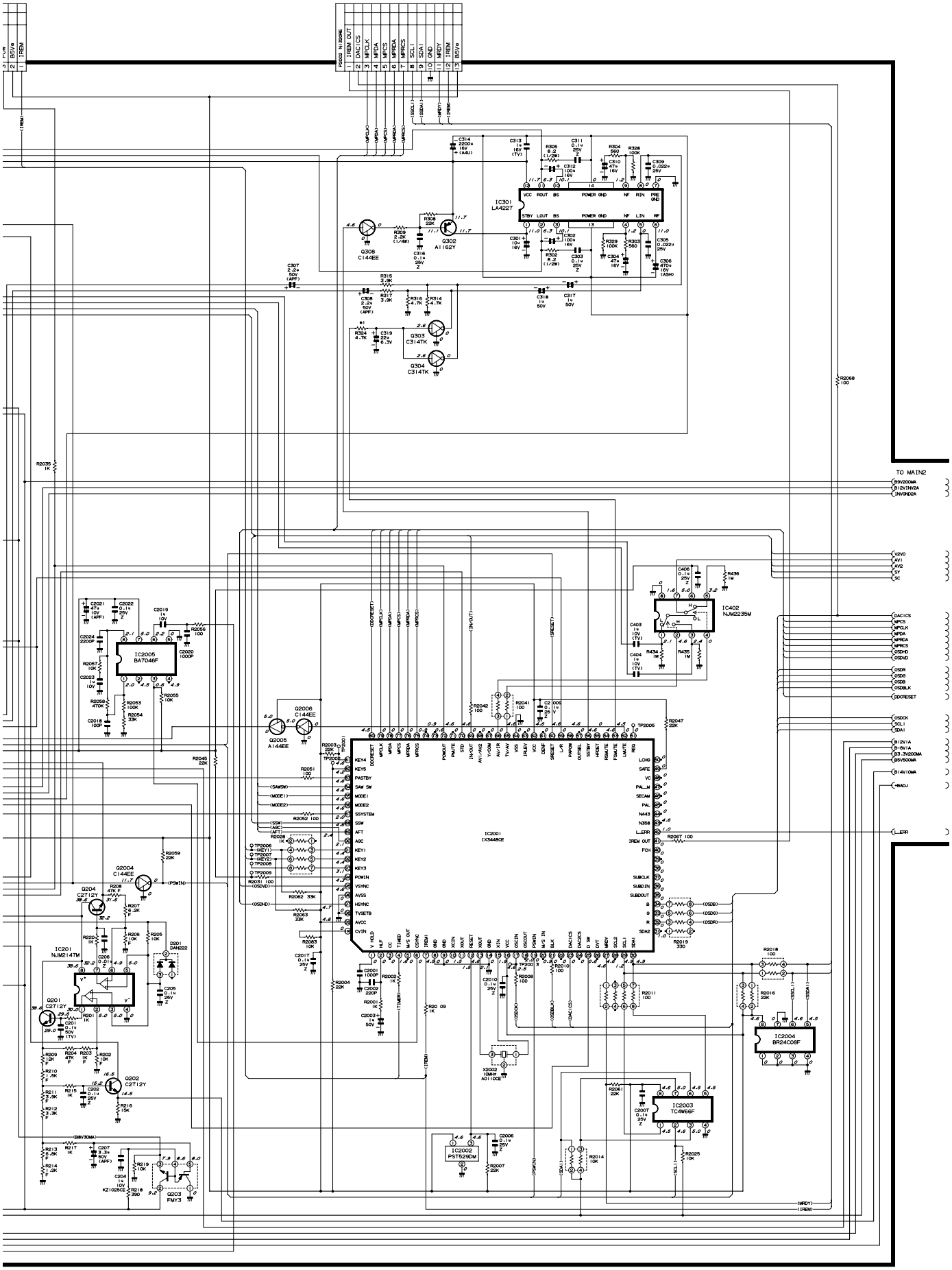


LED



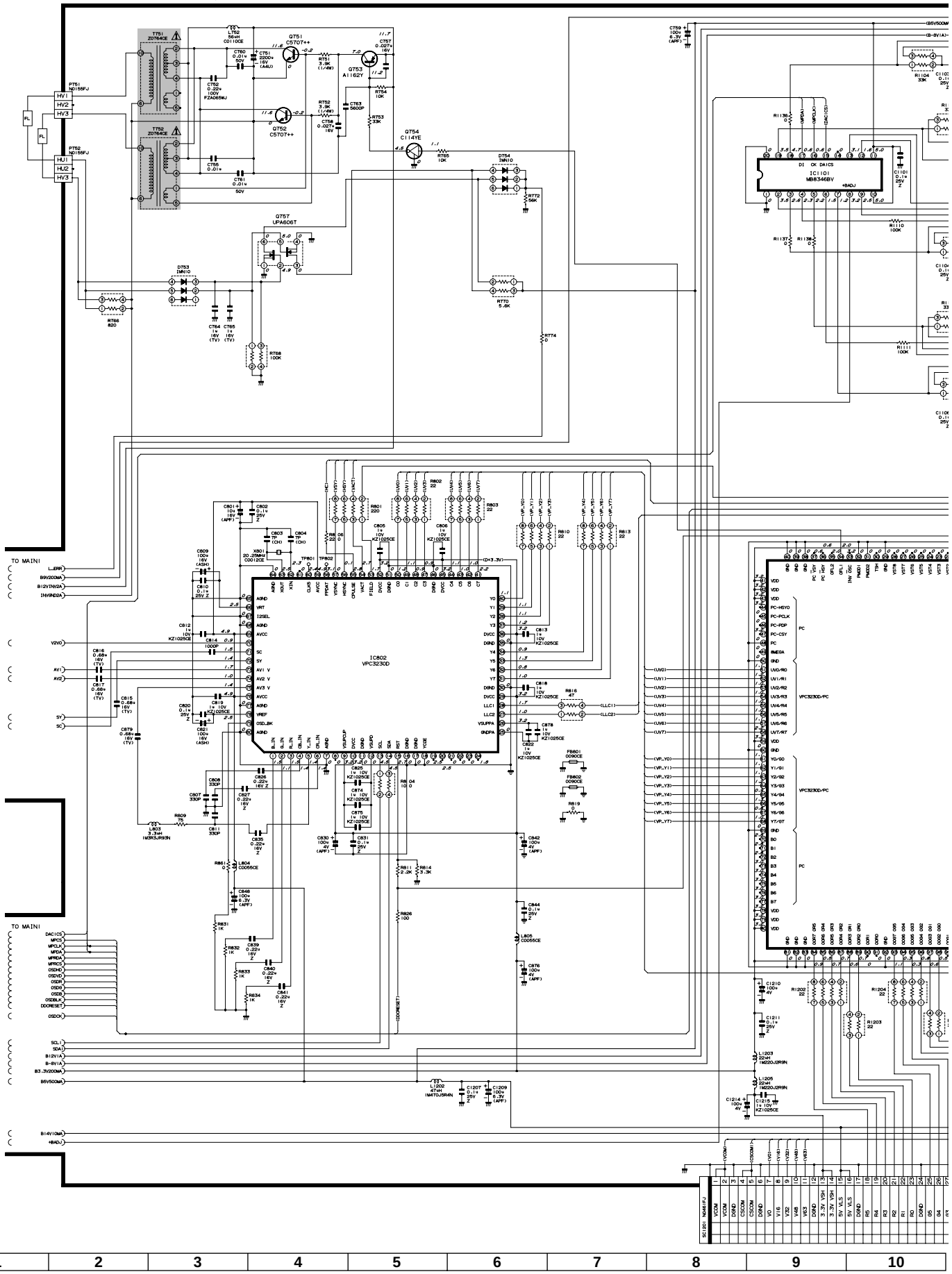
■ MAIN Unit-1/2

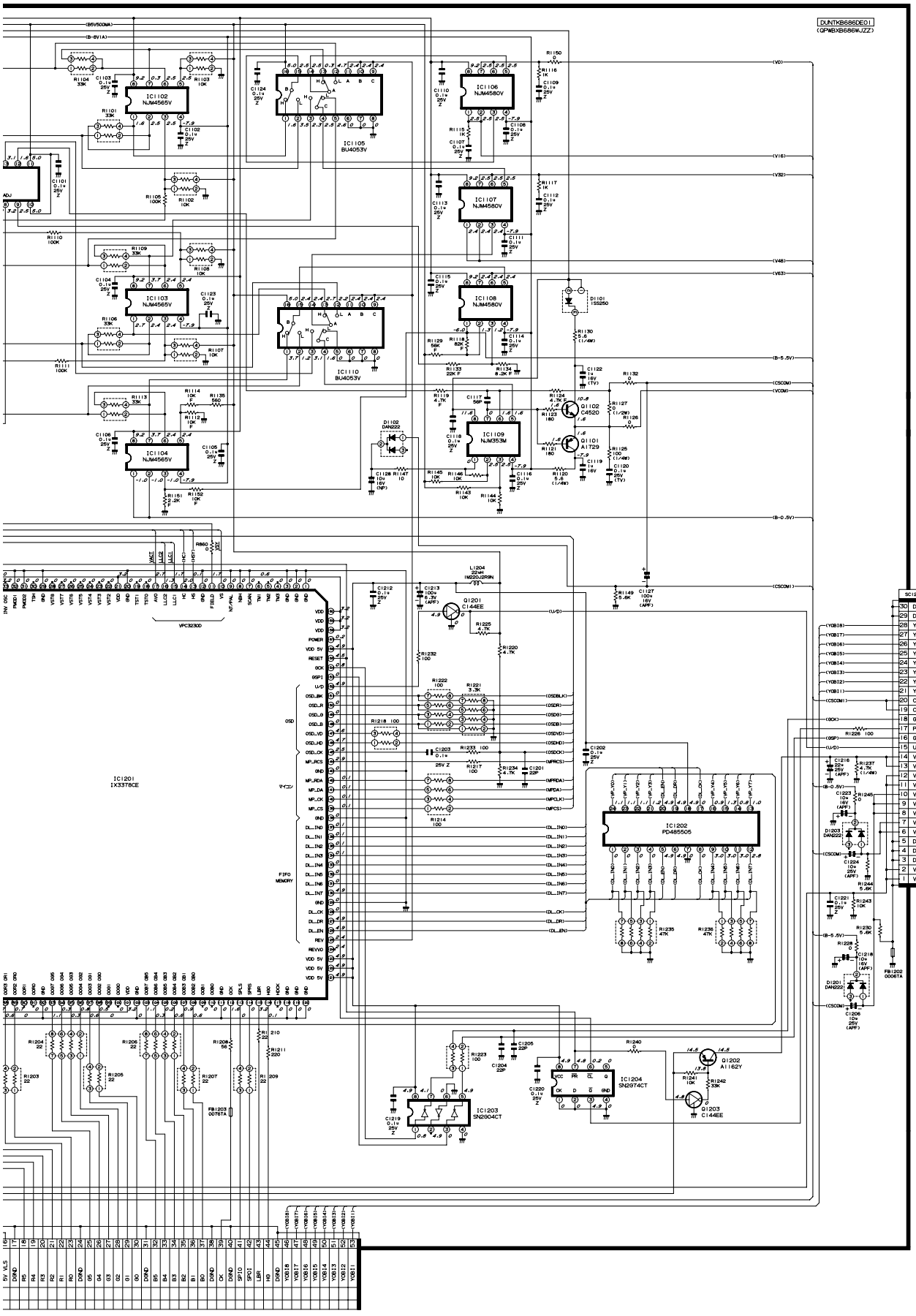

MAIN1
DUNTKB686DE01
(QPWBXB686WJZZ)
SC401 N0464FJ
MONOS
GND
TV V
GND
SIF
BTU5V
B31V
MODE1
MODE2
SAW SW
GND
SCL1
SDA1
GND
AGC
AFT
GND
V1 V
GND
V1 L
V1 R
GND
V1 SY
V1 SC
S SW
V2 V
GND
V2 L
V2 R
GND
V2 VO
GND
V2 LO
V2 RO
GND
D Y
D PB
D PR
GND
D SW1
D SW2
GND
LMUTE
HPDET
PARKING
IN/OUT
B12V
B8V
B5V
GND
P701 N11786E
INV VCC
INV VCC
INV GND
INV GND
SIG VCC
SIG GND
PAGND
PAVCC
FLSP
FRSP
SPGND
P2003 NC4DRE
KEY2
KEY1
POW1
POW2
GND
P2004 NC4DRE
GND
POW
B5Vs
TREM
IC901
IX3370CE
IC902
NJM4560M
IC903
NJM4560M
IC303
NJM2283F
IC701
AN8005M
+5V REG
IC702
NJM2377M
IC704
BA033FP
IC201
NJM2147M
Q710
A1162Y
Q701
A1162Y
Q708
FMMT718
Q709
C144EE
Q707
C144EE
Q2003
C2712Y
Q702
K2503
Q201
C2712Y
Q204
C2712Y
T701
ZQT78CE
(B31V3MA)
(B12V1A)
(BSTU+5V500MA)
(B38V10MA)
(B16V10MA)
(B9V200MA)
(B5V500MA)
(B3V30MA)
(BS10_VCC1AF702)



10	11	12	13	14	15	16	17	18	19

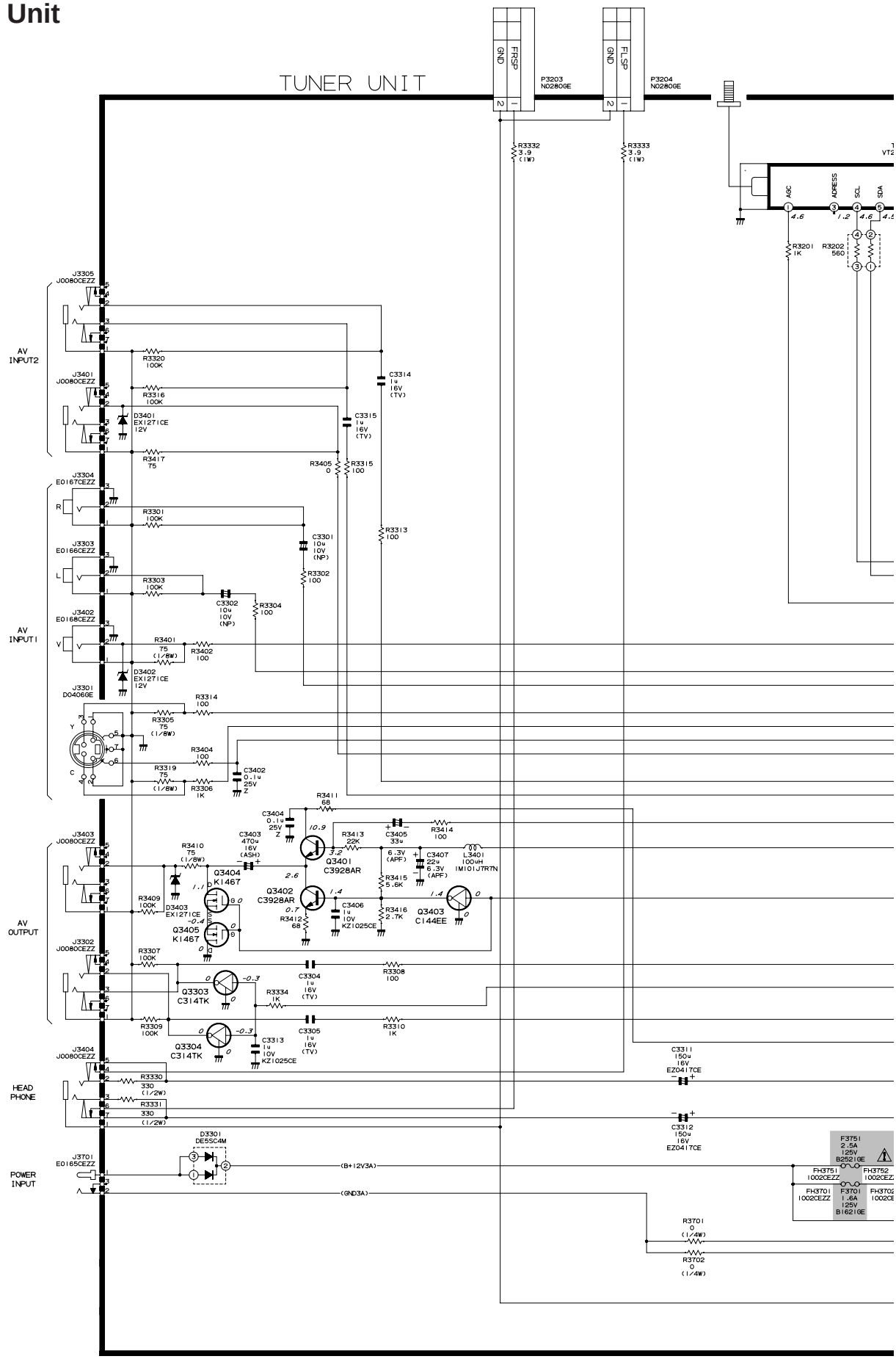
■ MAIN Unit-2/2

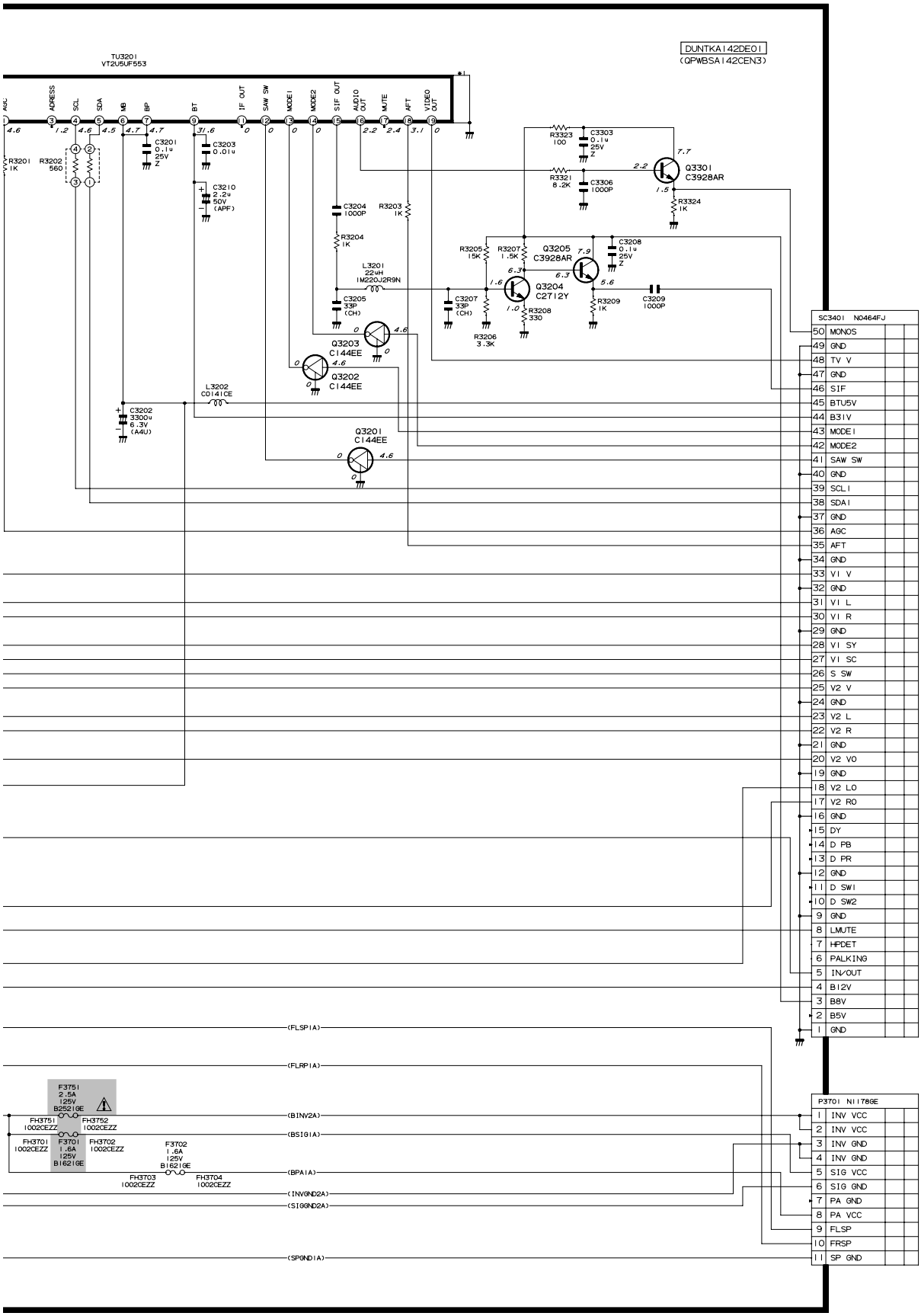




10	11	12	13	14	15	16	17	18	19

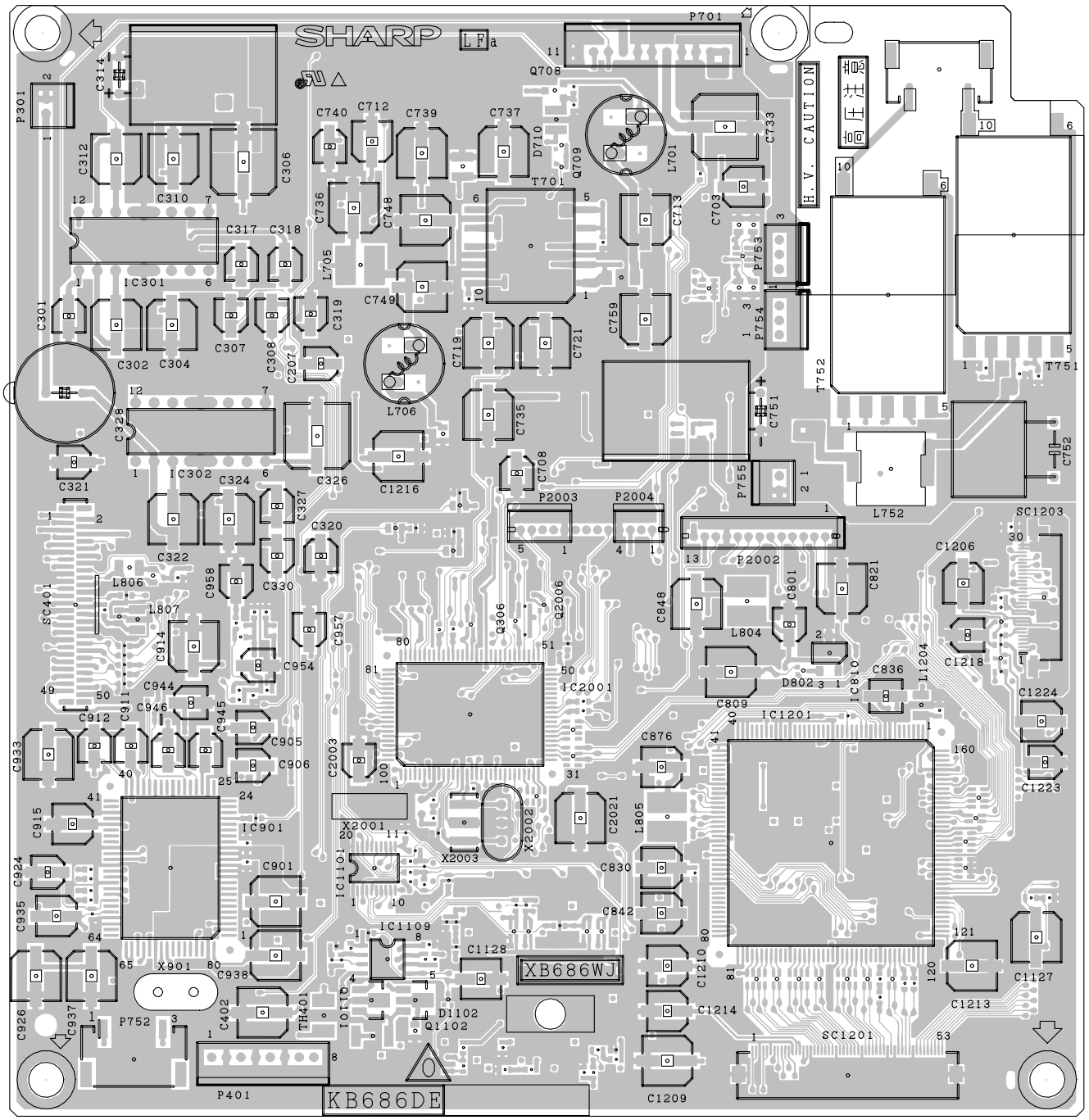
■ TUNER Unit


TUNER UNIT
P3203 N02809E
P3204 N02809E
GND
FRSP
FLSP
R3332 3.9 (1W)
R3333 3.9 (1W)
AGC
ADRESS
SCL
SDA
R3201 1K
R3202 560
AV INPUT2
AV INPUT1
AV OUTPUT
HEAD PHONE
POWER INPUT
J3305 J0080CEZZ
J3401 J0080CEZZ
J3304 E0167CEZZ
J3303 E0166CEZZ
J3402 E0168CEZZ
J3301 D04066E
J3403 J0080CEZZ
J3302 J0080CEZZ
J3404 J0080CEZZ
J3701 E0165CEZZ
R3320 100K
R3316 100K
R3317 75
R3301 100K
R3303 100K
R3401 75 (1/8W)
R3305 75 (1/8W)
R3319 75 (1/8W)
R3410 75 (1/8W)
R3409 100K
R3307 100K
R3309 100K
R3330 330 (1/2W)
R3331 330 (1/2W)
C3314 1u 16V (TV)
C3315 1u 16V (TV)
R3405 0
R3315 100
R3313 100
C3301 10u 10V (NP)
R3302 100
C3302 10u 10V (NP)
R3304 100
R3402 100
D3401 EX127ICE 12V
D3402 EX127ICE 12V
R3314 100
R3404 100
C3402 0.1u 25V Z
R3306 1K
R3411 68
C3404 0.1u 25V Z
C3403 470u 16V (ASH)
R3413 22K
C3405 33u 6.3V (APF)
R3414 100
C3407 22u 6.3V (APF)
L3401 100uH IM01JTR7N
Q3401 C3928AR
R3415 5.6K
Q3402 C3928AR
R3412 68
C3406 1u 10V KZ1025CE
R3416 2.7K
Q3403 C144EE
D3403 EX127ICE
Q3404 K1467
Q3405 K1467
C3304 1u 16V (TV)
R3308 100
R3334 1K
Q3303 C314TK
C3305 1u 16V (TV)
R3310 1K
Q3304 C314TK
C3313 1u 10V KZ1025CE
C3311 150u 16V EZ0417CE
C3312 150u 16V EZ0417CE
D3301 DE5SC4M
(B+12V3A)
(GND3A)
F3751 2.5A 125V B25210E
FH3751 1002CEZZ
FH3752 1002CEZZ
FH3701 1002CEZZ
F3701 1.6A 125V B16210E
R3701 0 (1/4W)
R3702 0 (1/4W)

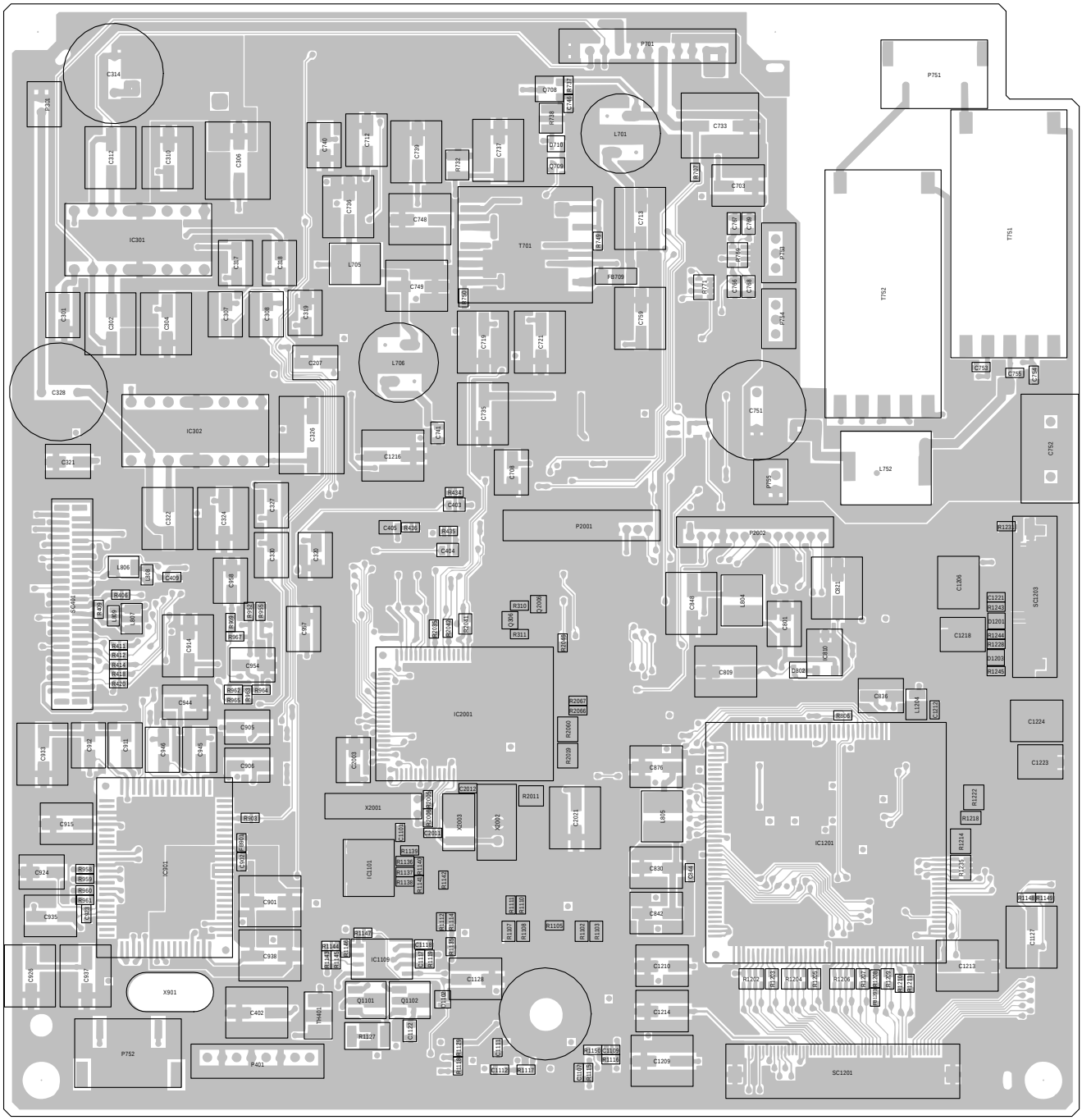


10	11	12	13	14	15	16	17	18	19

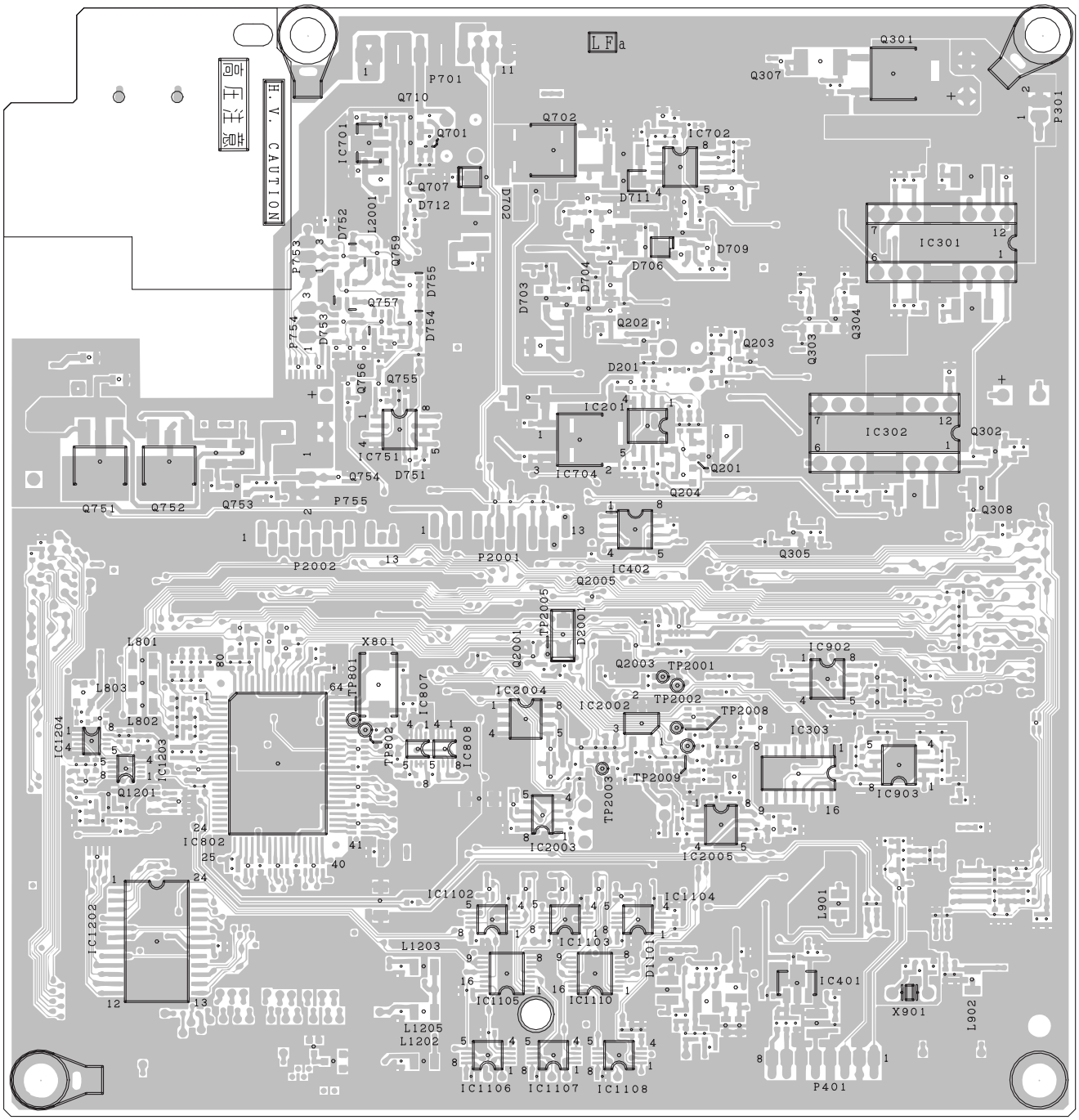
PRINTED WIRING BOARD ASSEMBLIES



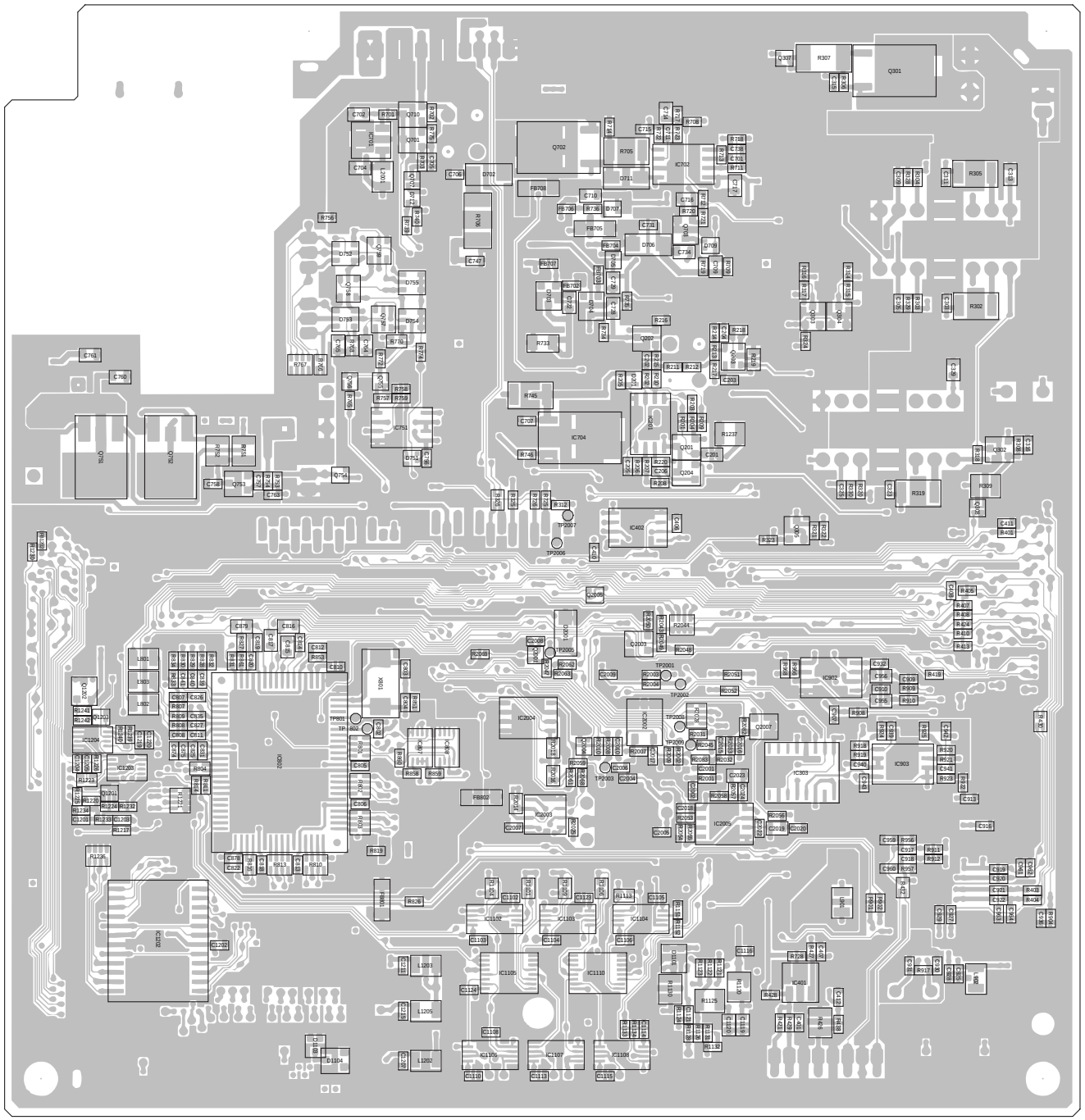
Main Unit (Side-A)



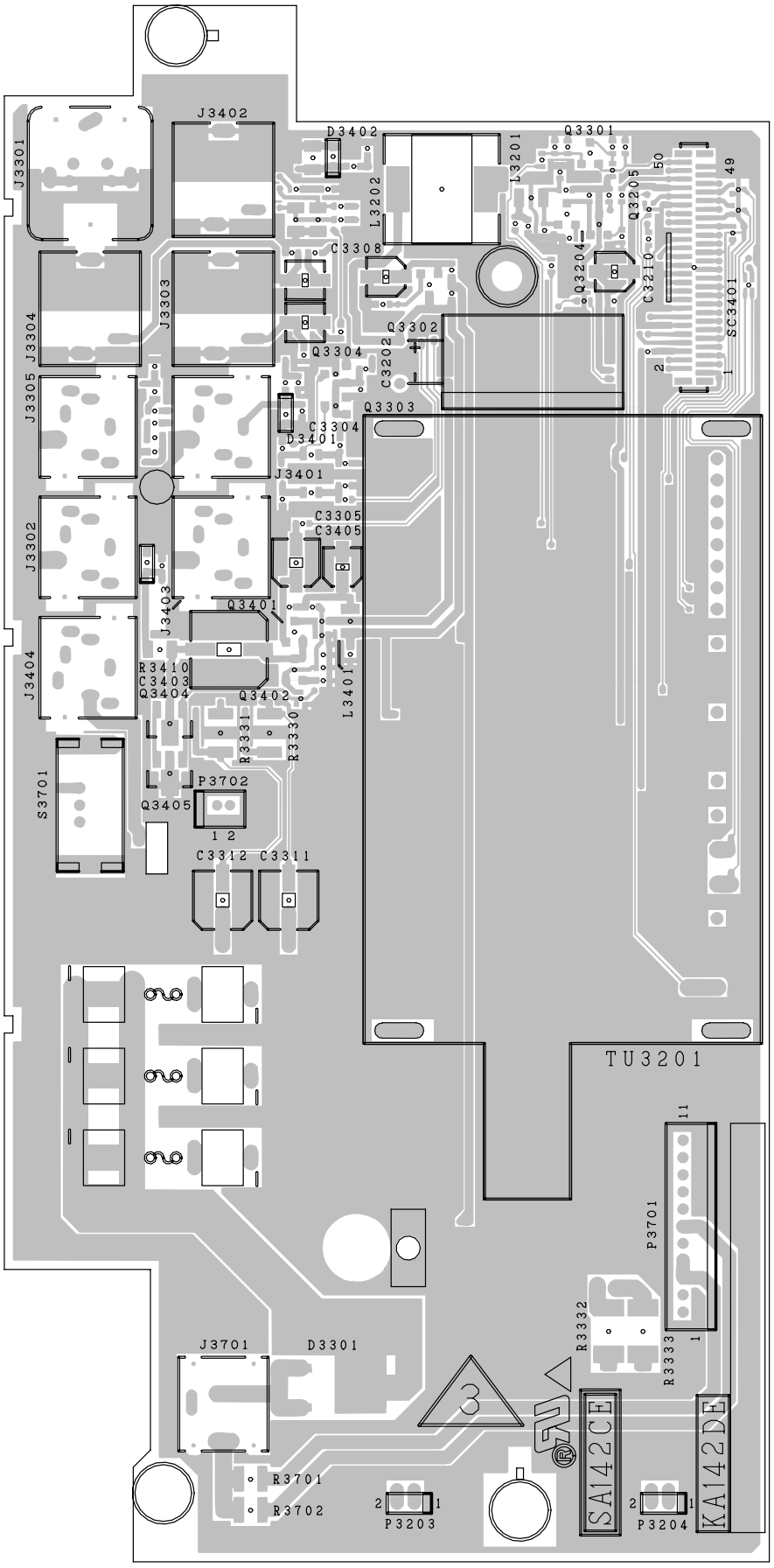
Main Unit (Chip Parts Side-A)



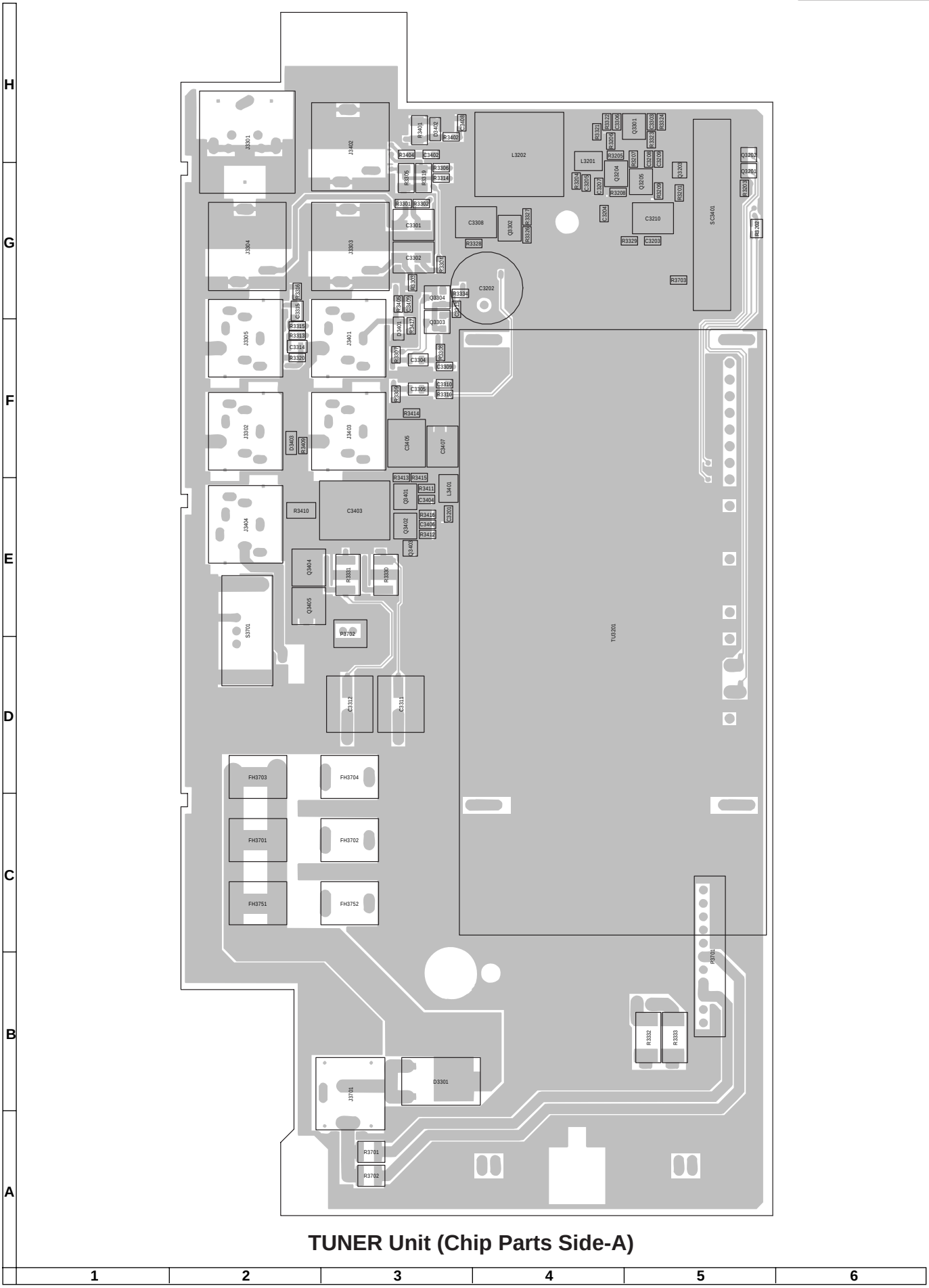
Main Unit (Side-B)



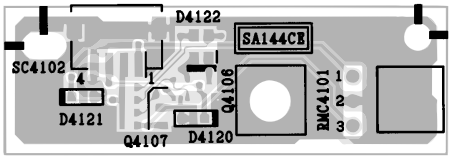
Main Unit (Chip Parts Side-B)



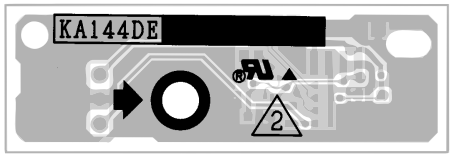
TUNER Unit (Side-A)



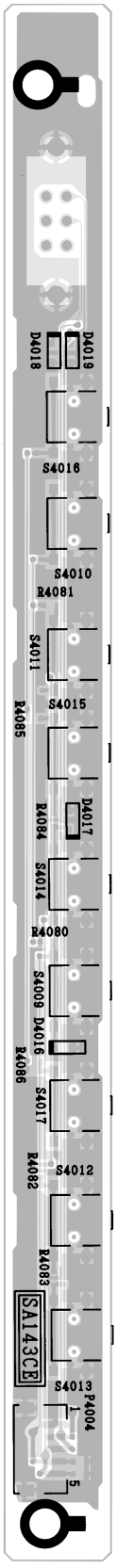
TUNER Unit (Chip Parts Side-A)



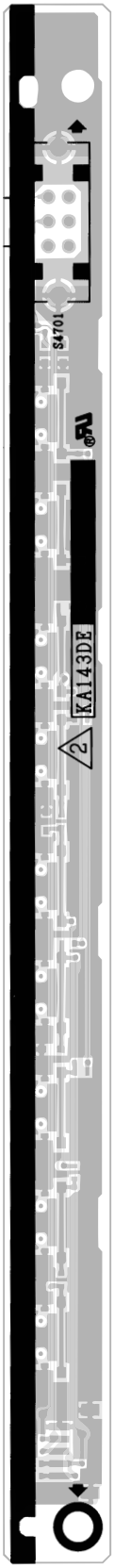
R/C, LED Unit (Side-A)



R/C, LED Unit (Side-B)



SWITCH Unit (Side-A)



SWITCH Unit (Side-B)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

in **USA**: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★ MARK: SPARE PARTS-DELIVERY SECTION

LISTE DES PIECES

CHANGE DES PIECES

Les pi`eces de rechange qui pr élelesentent ces caract éleristiques sp éleciales de s élecurit éle, sont identifi élees dans ce manuel : les pi`eces élelectriques qui pr élesentent ces particularit éles, sont rep éler élee par la marque ⚠ et sont hachur élees dans les listes de pi`eces et dans les diagrammes sch élematiques.
La substitution d'une pi`ece de rechange par une autre qui ne pr éLesente pas les m éoemes caract éLeristiques de s élecurit éle que la pi`ece recommand élee parl'usine et dans ce manuel de service, peut provoquer une éLelectrocution, un incendie ou toutautre sinistre.

"COMMENT COMMANDER LES PIECES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

1. NUMERO DU MODELE
2. NO. DE REF
3. NO. DE PIECE
4. DESCRIPTION

in **CANADA**: Contact SHARP Electronics of Canada Limited Phone (416) 890-2100

★MARQUE: SECTION LIVRAISON DES PIECES DE RECHANGE

Ref. No.	Part No.	★	Description	Code

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

DUNTKA142DE01	–	TUNER Unit	—
DUNTKA143DE01	–	SWITCH Unit	—
DUNTKA144DE01	–	R/C, LED Unit	—
DUNTKB686FE01	–	MAIN Unit	—

LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

RLCDTA019WJZZ		J	10" LCD Panel Unit	CV

DUNTKA142DE01
TUNER UNIT

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

TU3201	VTUVT2U5UF553	J	Tuner	BC

TRANSISTORS

Q3201	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3202	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3203	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3204	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q3205	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3301	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3303	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3304	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3401	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3402	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3403	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3404	VS2SK1467//-1Y	J	2SK1467	AE
Q3405	VS2SK1467//-1Y	J	2SK1467	AE

DIODES

D3301	VHDDE5SC4M/-1Y	J	Diode	AF
D3401	RH-EX1271CEZZY	J	Zener Diode	AB
D3402	RH-EX1271CEZZY	J	Zener Diode	AB
D3403	RH-EX1271CEZZY	J	Zener Diode	AB

COILS

L3201	VP-1M220J2R9NY	J	Peaking 22µH	AB
L3202	RCiLC0141CEZZY	J	Coil	AF
L3401	VP-1M101J7R7NY	J	Peaking 100µH	AC

CAPACITORS

C3201	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3202	VCEA4U0JN338M	J	3300	6.3V	Electrolytic	AE
C3203	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3204	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3205	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3207	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3208	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3209	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA

DUNTKA142DE01
TUNER UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C3210	VCEAPF1HW225MY	J	2.2	50V	Electrolytic	AB
C3301	VCE9PF1AW106MY	J	10	10V	Elect. (N.P)	AE
C3302	VCE9PF1AW106MY	J	10	10V	Elect. (N.P)	AE
C3303	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3304	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3305	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3306	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3311	RC-EZ0417CEZZY	J	150	16V	Electrolytic	AD
C3312	RC-EZ0417CEZZY	J	150	16V	Electrolytic	AD
C3313	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C3314	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3315	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3402	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3403	VCEASH1CN477MY	J	470	16V	Electrolytic	AD
C3404	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3405	VCEAPF0JW336MY	J	33	6.3V	Electrolytic	AB
C3406	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C3407	VCEAPF0JW226MY	J	22	6.3V	Electrolytic	AB

RESISTORS

R3201	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R3202	VRS-CA1JF561JY	J	560	1/16W	Metal Oxide	AA
R3203	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R3204	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R3205	VRS-CY1JF153JY	J	15k	1/16W	Metal Oxide	AA
R3206	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R3207	VRS-CY1JF152JY	J	1.5k	1/16W	Metal Oxide	AA
R3208	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R3209	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R3301	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R3302	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3303	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R3304	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3305	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R3306	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R3307	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R3308	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3309	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R3310	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R3313	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3314	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3315	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3316	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R3319	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R3320	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R3321	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R3323	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3324	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R3330	VRS-TX2HF331JY	J	330	1/2W	Metal Oxide	AB
R3331	VRS-TX2HF331JY	J	330	1/2W	Metal Oxide	AB
R3332	VRS-CR3AD3R9JY	J	3.9	1W	Metal Oxide	AC
R3333	VRS-CR3AD3R9JY	J	3.9	1W	Metal Oxide	AC
R3334	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R3401	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R3402	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3404	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3405	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R3409	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R3410	VRS-TQ2BD750JY	J	75	1/8W	Metal Oxide	AA
R3411	VRS-CY1JF680JY	J	68	1/16W	Metal Oxide	AA
R3412	VRS-CY1JF680JY	J	68	1/16W	Metal Oxide	AA
R3413	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R3414	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R3415	VRS-CY1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R3416	VRS-CY1JF272JY	J	2.7k	1/16W	Metal Oxide	AA
R3417	VRS-CY1JF750JY	J	75	1/16W	Metal Oxide	AA
R3701	VRS-TW2ED000JY	J	0	1/4W	Metal Oxide	AB
R3702	VRS-TW2ED000JY	J	0	1/4W	Metal Oxide	AB
R3703	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F3701	QFS-B1621GEZZ	J	Fuse, 1.6A 125V	AD
⚠ F3702	QFS-B1621GEZZ	J	Fuse, 1.6A 125V	AD
⚠ F3751	QFS-B2521GEZZ	J	Fuse, 2.5A 125V	AD
FH3701	QFSHD1002CEZZ	J	Fuse Holder	AA
FH3702	QFSHD1002CEZZ	J	Fuse Holder	AA
FH3703	QFSHD1002CEZZ	J	Fuse Holder	AA
FH3704	QFSHD1002CEZZ	J	Fuse Holder	AA
FH3751	QFSHD1002CEZZ	J	Fuse Holder	AA
FH3752	QFSHD1002CEZZ	J	Fuse Holder	AA
J3301	QSOCD0406GEZZ	J	S-Video(AV Input1)	AF
J3302	QJAKJ0080CEZZ	J	Audio(AV Output)	AF
J3303	QJAKE0166CEZZ	J	Audio(L)(AV Input1)	AE
J3304	QJAKE0167CEZZ	J	Audio(R)(AV Input1)	AE
J3305	QJAKJ0080CEZZ	J	Audio(AV Input2)	AF
J3401	QJAKJ0080CEZZ	J	Video(AV Input2)	AF
J3402	QJAKE0168CEZZ	J	Video(AV Inpu1)	AE
J3403	QJAKJ0080CEZZ	J	Video(AV Output)	AF
J3404	QJAKJ0080CEZZ	J	Headphone Terminal	AF
J3701	QJAKE0165CEZZ	J	DC Input Terminal	AE
P3203	QPLGN0280GEZZ	J	Plug, 2-pin	AB
P3204	QPLGN0280GEZZ	J	Plug, 2-pin	AB
P3701	QPLGN1178GEZZ	J	DC Input Terminal	AC
SC3401	QSOCN0464FJZZY	J	Socket, 50-pin	AH

Ref. No.	Part No.	★	Description	Code

DUNTKA143DE01
SWITCH UNIT

DIODES

D4016	RH-EX1271CEZZY	J	Zener Diode	AB
D4017	RH-EX1271CEZZY	J	Zener Diode	AB
D4018	RH-EX1283CEZZY	J	Zener Diode	AB
D4019	RH-EX1283CEZZY	J	Zener Diode	AB

CAPACITORS

C4001	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C4002	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA

RESISTORS

R4080	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R4081	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R4082	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA
R4083	VRS-CY1JF563JY	J	56k	1/16W	Metal Oxide	AA
R4084	VRS-CY1JF822JY	J	8.2k	1/16W	Metal Oxide	AA
R4085	VRS-CY1JF123JY	J	12k	1/16W	Metal Oxide	AA
R4086	VRS-CY1JF273JY	J	27k	1/16W	Metal Oxide	AA

SWITCHES

S4009	QSW-K0088GEZZY	J	MENU	AD
S4010	QSW-K0088GEZZY	J	Channel Up(▲)	AD
S4011	QSW-K0088GEZZY	J	Channel Down(▼)	AD
S4012	QSW-K0088GEZZY	J	MUTE	AD
S4013	QSW-K0088GEZZY	J	BRIGHT	AD
S4014	QSW-K0088GEZZY	J	Volume Up(+)	AD
S4015	QSW-K0088GEZZY	J	Volume Down(-)	AD
S4016	QSW-K0088GEZZY	J	TV/VIDEO	AD
S4017	QSW-K0088GEZZY	J	DISPLAY	AD
S4701	QSW-S0213CEZZ	J	MAIN POWER	AE

MISCELLANEOUS PARTS

P4004	QPLGN0564TAZZY	J	Plug, 5-pin	AC

DUNTKA144DE01
R/C, LED UNIT

TRANSISTORS

Q4106	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4107	VSUMG4/////-1Y	J	UMG4	AC

DIODES

D4120	RH-EX1271CEZZY	J	Zener Diode	AB
D4121	RH-EX1271CEZZY	J	Zener Diode	AB
D4122	RH-PX0368CEZZY	J	Power/standby Indicator	AE

CAPACITORS

C4120	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB

RESISTORS

R4187	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R4188	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R4189	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R4190	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

SC4102	QPLGN0464TAZZY	J	Plug, 4-pin	AC
RMC4101	RRMCU0239CEZZ	J	Remote Receiver	AG
SLD4101	PSLDM4646CEFW	J	Shield	AD
	QCNW-5710CEZZ	J	Connecting Cord	AC

DUNTKB686FE01
MAIN UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC201	VHiNJM2147M-1Y	J	NJM2147M-TE1	AF
IC301	VHiLA4227//-1	J	LA4227	AG
IC303	VHiNJM2283F-1Y	J	NJM2283M	AF
IC402	VHiNJM2235M-1Y	J	NJM2235M	AE
IC701	VHiAN8005M/-1Y	J	AN8005M	AD
IC702	VHiNJM2377M-1Y	J	NJM2377M	AK
IC704	VHiBA033FP/-1Y	J	BA033FP-E2	AG
IC802	VHiVPC3230D1EQ	J	VPC3230D-QA-B3	BD
IC901	RH-iX3370CEN1Q	J	MSP3440G-QA-B8	AY
IC902	VHiNJM4560M-1Y	J	NJM4560M	AG
IC903	VHiNJM4560M-1Y	J	NJM4560M	AG
IC1101	VHiMB8346BV-1Y	J	MB88346BPFV	AN
IC1102	VHiNJM4565V-1Y	J	NJM4565V	AF
IC1103	VHiNJM4565V-1Y	J	NJM4565V	AF
IC1104	VHiNJM4565V-1Y	J	NJM4565V	AF
IC1105	VHiBU4053V/-1Y	J	BU4053BCFV-E2	AE
IC1106	VHiNJM4580V-1Y	J	NJM4580V	AE
IC1107	VHiNJM4580V-1Y	J	NJM4580V	AE
IC1108	VHiNJM4580V-1Y	J	NJM4580V	AE
IC1109	VHiNJM353M/-1Y	J	NJM353M	AG
IC1110	VHiBU4053V/-1Y	J	BU4053BCFV-E2	AE
IC1201	RH-iX3378CEZZQ	J	LR38797	AY
IC1202	VHiPD485505-2Y	J	UPD485505G-25	AY
IC1203	VHiSN2G04CT-1Y	J	SN74AHC2G04HDC	AE
IC1204	VHiSN2G74CT-1Y	J	SN74AHC2G74HDC	AE
IC2001	RH-iX3448CEZZQ	J	M306V0ME-119FP	BA
IC2002	VHiPST529DM-1Y	J	PST529DMT	AE
IC2003	VHiTC4W66F/-1Y	J	TC4W66F	AE
IC2004	VHiBR24C08F-1Y	J	BR24C08F-E2	AF
IC2005	VHiBA7046F/-1Y	J	BA7046F	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q201	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q202	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q203	VSFMY3/////-1Y	J	FMY3	AB
Q204	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q302	VS2SA1162Y/-1Y	J	2SA1162Y	AB
Q303	VSDTC314TK/-1Y	J	DTC314TK	AC
Q304	VSDTC314TK/-1Y	J	DTC314TK	AC
Q308	VSDTC144EE/-1Y	J	DTC144EE	AA
Q701	VS2SA1162Y/-1Y	J	2SA1162Y	AB
Q702	VS2SK2503//-1Y	J	2SK2503	AE
Q703	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q707	VSDTC144EE/-1Y	J	DTC144EE	AA
Q708	VSFMMT718//-1Y	J	FMMT718	AE
Q709	VSDTC144EE/-1Y	J	DTC144EE	AA
Q710	VS2SA1162Y/-1Y	J	2SA1162Y	AB
Q751	VS2SC5707++-1Y	J	2SC5707++	AE
Q752	VS2SC5707++-1Y	J	2SC5707++	AE
Q753	VS2SA1162Y/-1Y	J	2SA1162Y	AB
Q754	VSDTC114YE/-1Y	J	DTC114YE	AB
Q757	VSUPA606T//-1Y	J	UPA606T	AD
Q1101	VS2SA1729//-1Y	J	2SA1729	AF
Q1102	VS2SC4520//-1Y	J	2SC4520	AE
Q1201	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1202	VS2SA1162Y/-1Y	J	2SA1162Y	AB
Q1203	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2003	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q2004	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2005	VSDTA144EE/-1Y	J	DTA144EE	AA
Q2006	VSDTC144EE/-1Y	J	DTC144EE	AA

DIODES

Ref. No.	Part No.	★	Description	Code
D201	VHDDAN222//-1Y	J	Diode	AA
D702	VHDSFPB56//2EY	J	Diode	AC
D703	VHD1SS250//1EY	J	Diode	AB
D704	VHD1SS250//1EY	J	Diode	AB
D705	VHDDAN222//-1Y	J	Diode	AA
D706	VHDSFPB74//2EY	J	Diode	AD
D707	VHDDAN222//-1Y	J	Diode	AA
D709	VHDDAN222//-1Y	J	Diode	AA
D710	VHDDAN222//-1Y	J	Diode	AA
D712	VHDDAN222//-1Y	J	Diode	AA
D753	VHDiMN10///-1Y	J	Diode	AB
D754	VHDiMN10///-1Y	J	Diode	AB
D1101	VHD1SS250//1EY	J	Diode	AB
D1102	VHDDAN222//-1Y	J	Diode	AA
D1201	VHDDAN222//-1Y	J	Diode	AA
D1203	VHDDAN222//-1Y	J	Diode	AA

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
X801	RCRSC0012CEZZY	J	Crystal	AH
X901	RCRSB0250GEZZ	J	Crystal	AG
X2002	RFiLA0110CEZZ+	J	Filter	AD

COILS

Ref. No.	Part No.	★	Description	Code
L701	RCiLPA026WJZZ	J	Coil	AD
L705	RCiLC0057CEZZY	J	Coil	AD
L706	RCiLPA026WJZZ	J	Coil	AD
L752	RCiLC0110CEZZY	J	Coil	AF
L803	VP-1M3R3JR93NY	J	Peaking 3.3µH	AB
L804	RCiLC0055CEZZY	J	Coil	AD
L805	RCiLC0055CEZZY	J	Coil	AD
L806	VP-1M4R7J1R2NY	J	Peaking 4.7µH	AB
L807	VP-1M4R7J1R2NY	J	Peaking 4.7µH	AB
L901	VP-1M4R7J1R2NY	J	Peaking 4.7µH	AB
L902	VP-1M101J7R7NY	J	Peaking 100µH	AC
L1202	VP-1M470J5R4NY	J	Peaking 47µH	AC
L1203	VP-1M220J2R9NY	J	Peaking 22µH	AB
L1204	VP-1M220J2R9NY	J	Peaking 22µH	AB
L1205	VP-1M220J2R9NY	J	Peaking 22µH	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T701	RTRNZ0778CEZZY	J	Transformer	AM
⚠ T751	RTRNZ0764CEZZ	J	Transformer	AM
⚠ T752	RTRNZ0764CEZZ	J	Transformer	AM

CAPACITORS

Ref. No.	Part No.	★				Code
C201	VCKYTV1HF104ZY	J	0.1	50V	Ceramic	AB
C202	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C204	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C205	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C206	VCKYCY1HF103ZY	J	0.01	50V	Ceramic	AA
C207	VCEAPF1HW335MY	J	3.3	50V	Electrolytic	AC
C301	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C302	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C303	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C304	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C305	VCKYCY1EB223KY	J	0.022	25V	Ceramic	AA
C306	VCEASH1CN477MY	J	470	16V	Electrolytic	AD
C307	VCEAPF1HN225MY	J	2.2	50V	Electrolytic	AD
C308	VCEAPF1HN225MY	J	2.2	50V	Electrolytic	AD
C309	VCKYCY1EB223KY	J	0.022	25V	Ceramic	AA
C310	VCEAPF1CN476MY	J	47	16V	Electrolytic	AD
C311	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C312	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C313	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C314	VCEA4U1CN228M	J	2200	16V	Electrolytic	AE
C316	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C317	VCEAPF1HN105MY	J	1	50V	Electrolytic	AD
C318	VCEAPF1HN105MY	J	1	50V	Electrolytic	AD
C319	VCEAPF0JW226MY	J	22	6.3V	Electrolytic	AB
C403	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C404	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C406	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C408	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C409	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C411	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C701	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C702	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C703	VCEAPF1CN226MY	J	22	16V	Electrolytic	AD
C704	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C706	VCKYCY1HB562KY	J	5600p	50V	Ceramic	AA
C707	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C708	VCEAPF0JN226MY	J	22	6.3V	Electrolytic	AD
C710	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB

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Ref. No.	Part No.	★	Description			Code
C711	VCKYCY1EB103KY	J	0.01	25V	Ceramic	AA
C712	VCEAPT1CN226MY	J	22	16V	Electrolytic	AC
C713	VCAAPD1CJ396MY	J	39	16V	Electrolytic	AF
C716	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C717	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C719	RC-EZ0420CEZZY	J	100	25V	Electrolytic	AE
C721	VCEASK1HN336MY	J	33	50V	Electrolytic	AD
C722	VCKYTV1HF104ZY	J	0.1	50V	Ceramic	AB
C728	VCKYTV1HF104ZY	J	0.1	50V	Ceramic	AB
C729	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C731	VCCCCY1HH181JY	J	180p	50V	Ceramic	AA
C733	VCEASH1CN337MY	J	330	16V	Electrolytic	AE
C734	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C735	RC-EZ0416CEZZY	J	330	6.3V	Electroytic	AD
C736	RC-EZ0416CEZZY	J	330	6.3V	Electroytic	AD
C737	RC-EZ1339CEZZY	J	220	16V	Electrolytic	AD
C738	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C740	VCEAPF1EN475MY	J	4.7	25V	Electrolytic	AC
C741	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C746	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C747	VCKYCY1HB562KY	J	5600p	50V	Ceramic	AA
C748	RC-EZ1339CEZZY	J	220	16V	Electrolytic	AD
C749	VCAAPD0JJ127MY	J	120	6.3V	Electrolytic	AF
C751	VCEA4U1CN228M	J	2200	16V	Electrolytic	AE
C752	RC-FZA065WJZZ	J	0.22	100V	Film	AE
C755	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C757	VCKYCY1CB273KY	J	0.027	16V	Ceramic	AB
C758	VCKYCY1CB273KY	J	0.027	16V	Ceramic	AB
C759	VCEAPF0JN107MY	J	100	6.3V	Electrolytic	AD
C760	VCKYTV1HB103KY	J	0.01	50V	Ceramic	AA
C761	VCKYTV1HB103KY	J	0.01	50V	Ceramic	AA
C763	VCKYCY1HB562KY	J	5600p	50V	Ceramic	AA
C764	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C765	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C801	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C802	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C803	VCCCCY1HH7R0DY	J	7p	50V	Ceramic	AA
C804	VCCCCY1HH7R0DY	J	7p	50V	Ceramic	AA
C805	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C806	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C807	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C808	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C809	VCEASH1CN107MY	J	100	16V	Electrolytic	AC
C810	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C811	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C812	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C813	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C814	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C815	VCKYTV1CF684ZY	J	0.68	16V	Ceramic	AB
C816	VCKYTV1CF684ZY	J	0.68	16V	Ceramic	AB
C817	VCKYTV1CF684ZY	J	0.68	16V	Ceramic	AB
C818	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C819	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C820	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C821	VCEASH1CN107MY	J	100	16V	Electrolytic	AC
C822	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C825	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C826	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C827	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C830	VCEAPF0GW107MY	J	100	4V	Electrolytic	AC
C831	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C835	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C839	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C840	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C841	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C842	VCEAPF0GW107MY	J	100	4V	Electrolytic	AC
C844	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C848	VCEAPF0JW107MY	J	100	6.3V	Electrolytic	AC
C874	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C875	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C876	VCEAPF0GW107MY	J	100	4V	Electrolytic	AC
C878	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C879	VCKYTV1CF684ZY	J	0.68	16V	Ceramic	AB
C902	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C905	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C906	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C909	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C910	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C911	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C912	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C913	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C914	RC-EZ0417CEZZY	J	150	16V	Electrolytic	AD
C915	VCEAPF0JW336MY	J	33	6.3V	Electrolytic	AB
C916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C919	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C920	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C921	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C922	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C923	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C924	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C925	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C927	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C928	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C929	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C930	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C931	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C932	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C933	RC-EZ0417CEZZY	J	150	16V	Electrolytic	AD
C935	VCEAPF1CW226MY	J	22	16V	Electrolytic	AB
C937	RC-EZ0417CEZZY	J	150	16V	Electrolytic	AD
C938	RC-EZ0417CEZZY	J	150	16V	Electrolytic	AD
C939	VCKYCY1HB561KY	J	560p	50V	Ceramic	AA
C940	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C941	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C942	VCKYCY1HB561KY	J	560p	50V	Ceramic	AA
C943	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C944	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C945	VCEAPF1HW225MY	J	2.2	50V	Electrolytic	AB
C946	VCEAPF1HW225MY	J	2.2	50V	Electrolytic	AB
C954	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C955	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C956	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C957	VCEAPF1EW475MY	J	4.7	25V	Electrolytic	AB
C958	VCEAPF1EW475MY	J	4.7	25V	Electrolytic	AB
C961	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C962	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C963	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C964	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1101	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1102	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1103	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1105	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1108	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1109	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1110	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1111	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1112	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1113	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1114	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1115	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1116	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1117	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1118	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1119	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C1120	VCKYTV1EF104ZY	J	0.1	25V	Ceramic	AB
C1122	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C1123	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1124	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1127	VCEAPF1CN107MY	J	100	16V	Electrolytic	AD
C1128	VCE9PF1CN106MY	J	10	16V	Elect. (N.P)	AD
C1201	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1202	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1203	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1204	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1205	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C1206	VCEAPF1EW106MY	J	10	25V	Electrolytic	AC
C1207	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1209	VCEAPF0JW107MY	J	100	6.3V	Electrolytic	AC
C1210	VCEAPF0GW107MY	J	100	4V	Electrolytic	AC
C1211	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1212	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1213	VCEAPF0JW107MY	J	100	6.3V	Electrolytic	AC
C1214	VCEAPF0GW107MY	J	100	4V	Electrolytic	AC
C1215	RC-KZ1025CEZZY	J	1	10V	Ceramic	AB
C1216	VCEAPF1EW226MY	J	22	25V	Electrolytic	AD
C1218	VCEAPF1CN106MY	J	10	16V	Electrolytic	AD
C1219	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1220	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1221	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1223	VCEAPF1CW106MY	J	10	16V	Electrolytic	AB
C1224	VCEAPF1EW106MY	J	10	25V	Electrolytic	AC
C2001	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2002	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C2003	VCEAPF1HW105MY	J	1	50V	Electrolytic	AB
C2006	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2007	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2009	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2010	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2017	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2018	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2019	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C2020	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2021	VCEAPF1AW476MY	J	47	10V	Electrolytic	AB
C2022	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2023	VCKYTV1AB105KY	J	1	10V	Ceramic	AC
C2024	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R201	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R202	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R203	VRS-CY1JF102FY	J	1k	1/16W	Metal Oxide	AA
R204	VRS-CY1JF473FY	J	47k	1/16W	Metal Oxide	AA
R205	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R206	VRS-CY1JF103FY	J	10k	1/16W	Metal Oxide	AA
R207	VRS-CY1JF622FY	J	6.2k	1/16W	Metal Oxide	AA
R208	VRS-CY1JF473FY	J	47k	1/16W	Metal Oxide	AA
R209	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R210	VRS-CY1JF152FY	J	1.5k	1/16W	Metal Oxide	AA
R211	VRS-CY1JF392FY	J	3.9k	1/16W	Metal Oxide	AA
R212	VRS-CY1JF332FY	J	3.3k	1/16W	Metal Oxide	AA
R213	VRS-CY1JF682FY	J	6.8k	1/16W	Metal Oxide	AA
R214	VRS-CY1JF122FY	J	1.2k	1/16W	Metal Oxide	AA
R215	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R216	VRS-CY1JF153JY	J	15k	1/16W	Metal Oxide	AA
R217	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R218	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R219	VRS-TV1JD103JY	J	10k	1/16W	Metal Oxide	AA
R220	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R302	VRS-TX2HF8R2JY	J	8.2	1/2W	Metal Oxide	AB
R303	VRS-CY1JF561JY	J	560	1/16W	Metal Oxide	AA
R304	VRS-CY1JF561JY	J	560	1/16W	Metal Oxide	AA
R305	VRS-TX2HF8R2JY	J	8.2	1/2W	Metal Oxide	AB
R308	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R309	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R314	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R315	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R316	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R317	VRS-CY1JF392JY	J	3.9k	1/16W	Metal Oxide	AA
R324	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R328	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R329	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R401	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R403	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R404	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R405	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R406	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R407	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R408	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R409	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R410	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R411	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R420	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R424	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R430	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R434	VRS-CY1JF105JY	J	1M	1/16W	Metal Oxide	AA
R435	VRS-CY1JF105JY	J	1M	1/16W	Metal Oxide	AA
R436	VRS-CY1JF105JY	J	1M	1/16W	Metal Oxide	AA
R701	VRS-CY1JF1R0JY	J	1	1/16W	Metal Oxide	AA
R702	VRS-CY1JF154JY	J	150k	1/16W	Metal Oxide	AA
R703	VRS-CY1JF274JY	J	270k	1/16W	Metal Oxide	AA
R705	VRS-TX2HF000JY	J	0	1/2W	Metal Oxide	AB
R706	VRS-CR3AD821JY	J	820	1W	Metal Oxide	AC
R707	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R708	VRS-CY1JF272FY	J	2.7k	1/16W	Metal Oxide	AA
R709	VRS-CY1JF123FY	J	12k	1/16W	Metal Oxide	AA
R711	VRS-CY1JF184JY	J	180k	1/16W	Metal Oxide	AA
R712	VRS-CY1JF683FY	J	68k	1/16W	Metal Oxide	AA
R713	VRS-CY1JF133FY	J	13k	1/16W	Metal Oxide	AA
R717	VRS-CY1JF152FY	J	1.5k	1/16W	Metal Oxide	AA
R718	VRS-CY1JF274JY	J	270k	1/16W	Metal Oxide	AA
R719	VRS-CY1JF563FY	J	56k	1/16W	Metal Oxide	AA
R720	VRS-CY1JF473JY	J	47k	1/16W	Metal Oxide	AA
R721	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R722	VRS-CY1JF105JY	J	1M	1/16W	Metal Oxide	AA
R723	VRS-CY1JF682JY	J	6.8k	1/16W	Metal Oxide	AA
R725	VRS-CY1JF1R0JY	J	1	1/16W	Metal Oxide	AA
R726	VRS-CY1JF1R0JY	J	1	1/16W	Metal Oxide	AA
R732	VRS-TW2ED222JY	J	2.2k	1/4W	Metal Oxide	AA
R733	VRS-TQ2BD683JY	J	68k	1/8W	Metal Oxide	AA
R734	VRS-CY1JF393JY	J	39k	1/16W	Metal Oxide	AA
R735	VRS-CY1JF223JY	J	22k	1/16W	Metal Oxide	AA
R736	VRS-CY1JF1R0JY	J	1	1/16W	Metal Oxide	AA
R737	VRS-CY1JF472JY	J	4.7k	1/16W	Metal Oxide	AA
R738	VRS-TW2ED102JY	J	1k	1/4W	Metal Oxide	AA
R739	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R740	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R751	VRS-TW2ED392JY	J	3.9k	1/4W	Metal Oxide	AA
R752	VRS-TW2ED392JY	J	3.9k	1/4W	Metal Oxide	AA
R753	VRS-CY1JF333JY	J	33k	1/16W	Metal Oxide	AA
R754	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R765	VRS-CY1JF103JY	J	10k	1/16W	Metal Oxide	AA
R766	VRS-CA1JF821JY	J	820	1/16W	Metal Oxide	AA
R768	VRS-CA1JF104JY	J	100k	1/16W	Metal Oxide	AA
R770	VRS-CA1JF562JY	J	5.6k	1/16W	Metal Oxide	AA
R772	VRS-CY1JF563JY	J	56k	1/16W	Metal Oxide	AA
R774	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R801	VRS-CB1JF221JY	J	220	1/16W	Metal Oxide	AC
R802	VRS-CB1JF220JY	J	22	1/16W	Metal Oxide	AC
R803	VRS-CB1JF220JY	J	22	1/16W	Metal Oxide	AC
R804	VRS-CA1JF101JY	J	100	1/16W	Metal Oxide	AA
R806	VRS-CY1JF221JY	J	220	1/16W	Metal Oxide	AA
R809	VRS-CY1JF750JY	J	75	1/16W	Metal Oxide	AA
R810	VRS-CB1JF220JY	J	22	1/16W	Metal Oxide	AC
R811	VRS-CY1JF222JY	J	2.2k	1/16W	Metal Oxide	AA
R813	VRS-CB1JF220JY	J	22	1/16W	Metal Oxide	AC
R814	VRS-CY1JF332JY	J	3.3k	1/16W	Metal Oxide	AA
R816	VRS-CA1JF470JY	J	47	1/16W	Metal Oxide	AB
R819	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R826	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R831	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R832	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R833	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R834	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R860	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R861	VRS-CY1JF000JY	J	0	1/16W	Metal Oxide	AA
R901	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R902	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R903	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R909	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R910	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R917	VRS-CY1JF105JY	J	1M	1/16W	Metal Oxide	AA
R918	VRS-CY1JF822FY	J	8.2k	1/16W	Metal Oxide	AA
R919	VRS-CY1JF822FY	J	8.2k	1/16W	Metal Oxide	AA

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MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R920	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R921	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R922	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R923	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R924	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R925	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R958	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R959	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R960	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R961	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R962	VRS-CY1JF153JY	J	15k 1/16W Metal Oxide	AA
R963	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R964	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R965	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R966	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R967	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R968	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R969	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1101	VRS-CA1JF333JY	J	33k 1/16W Metal Oxide	AA
R1102	VRS-CA1JF103JY	J	10k 1/16W Metal Oxide	AA
R1103	VRS-CA1JF103JY	J	10k 1/16W Metal Oxide	AA
R1104	VRS-CA1JF333JY	J	33k 1/16W Metal Oxide	AA
R1105	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1106	VRS-CA1JF333JY	J	33k 1/16W Metal Oxide	AA
R1107	VRS-CA1JF103JY	J	10k 1/16W Metal Oxide	AA
R1108	VRS-CA1JF103JY	J	10k 1/16W Metal Oxide	AA
R1109	VRS-CA1JF333JY	J	33k 1/16W Metal Oxide	AA
R1110	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1111	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1112	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1113	VRS-CA1JF333JY	J	33k 1/16W Metal Oxide	AA
R1114	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1115	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1116	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1117	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1118	VRS-CY1JF823FY	J	82k 1/16W Metal Oxide	AA
R1119	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R1120	VRS-TW2ED5R6JY	J	5.6 1/4W Metal Oxide	AA
R1121	VRS-CY1JF181JY	J	180 1/16W Metal Oxide	AA
R1123	VRS-CY1JF181JY	J	180 1/16W Metal Oxide	AA
R1124	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R1125	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R1126	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1127	VRS-TX2HF000JY	J	0 1/2W Metal Oxide	AB
R1129	VRS-CY1JF563FY	J	56k 1/16W Metal Oxide	AA
R1130	VRS-TW2ED5R6JY	J	5.6 1/4W Metal Oxide	AA
R1132	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1133	VRS-CY1JF223FY	J	22k 1/16W Metal Oxide	AA
R1134	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R1135	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1136	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1137	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1138	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1143	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1144	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1145	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1146	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1147	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1149	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1150	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1151	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R1152	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1202	VRS-CB1JF220JY	J	22 1/16W Metal Oxide	AC
R1203	VRS-CA1JF220JY	J	22 1/16W Metal Oxide	AA
R1204	VRS-CB1JF220JY	J	22 1/16W Metal Oxide	AC
R1205	VRS-CA1JF220JY	J	22 1/16W Metal Oxide	AA
R1206	VRS-CB1JF220JY	J	22 1/16W Metal Oxide	AC
R1207	VRS-CA1JF220JY	J	22 1/16W Metal Oxide	AA
R1208	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R1209	VRS-CA1JF220JY	J	22 1/16W Metal Oxide	AA
R1210	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R1211	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1214	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R1217	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1218	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R1220	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1221	VRS-CB1JF332JY	J	3.3k 1/16W Metal Oxide	AC
R1222	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R1223	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R1225	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1226	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1228	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1230	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1232	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1233	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1234	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1235	VRS-CB1JF473JY	J	47k 1/16W Metal Oxide	AC
R1236	VRS-CB1JF473JY	J	47k 1/16W Metal Oxide	AC
R1237	VRS-TW2ED472JY	J	4.7k 1/4W Metal Oxide	AA
R1240	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1241	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1242	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1243	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1244	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1245	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2001	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2002	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2003	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2004	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2007	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2008	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2009	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2010	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2011	VRS-CB1JF101JY	J	100 1/16W Metal Oxide	AA
R2014	VRS-CA1JF103JY	J	10k 1/16W Metal Oxide	AA
R2016	VRS-CA1JF223JY	J	22k 1/16W Metal Oxide	AA
R2018	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2019	VRS-CB1JF331JY	J	330 1/16W Metal Oxide	AC
R2025	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2028	VRS-CB1JF102JY	J	1k 1/16W Metal Oxide	AA
R2031	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2035	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2041	VRS-CA1JF101JY	J	100 1/16W Metal Oxide	AA
R2042	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2045	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2047	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2048	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R2049	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R2050	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2051	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2052	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2053	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2054	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2055	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2056	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2057	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2058	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R2059	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2061	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2062	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2063	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2067	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2068	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2083	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB702	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB703	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB704	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB705	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB706	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB708	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB709	RBLN-0090CEZZY	J	Ferrite Bead	AD
FB801	RBLN-0090CEZZY	J	Ferrite Bead	AD
FB802	RBLN-0090CEZZY	J	Ferrite Bead	AD
FB901	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1202	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1203	RBLN-0076TAZZY	J	Ferrite Bead	AC

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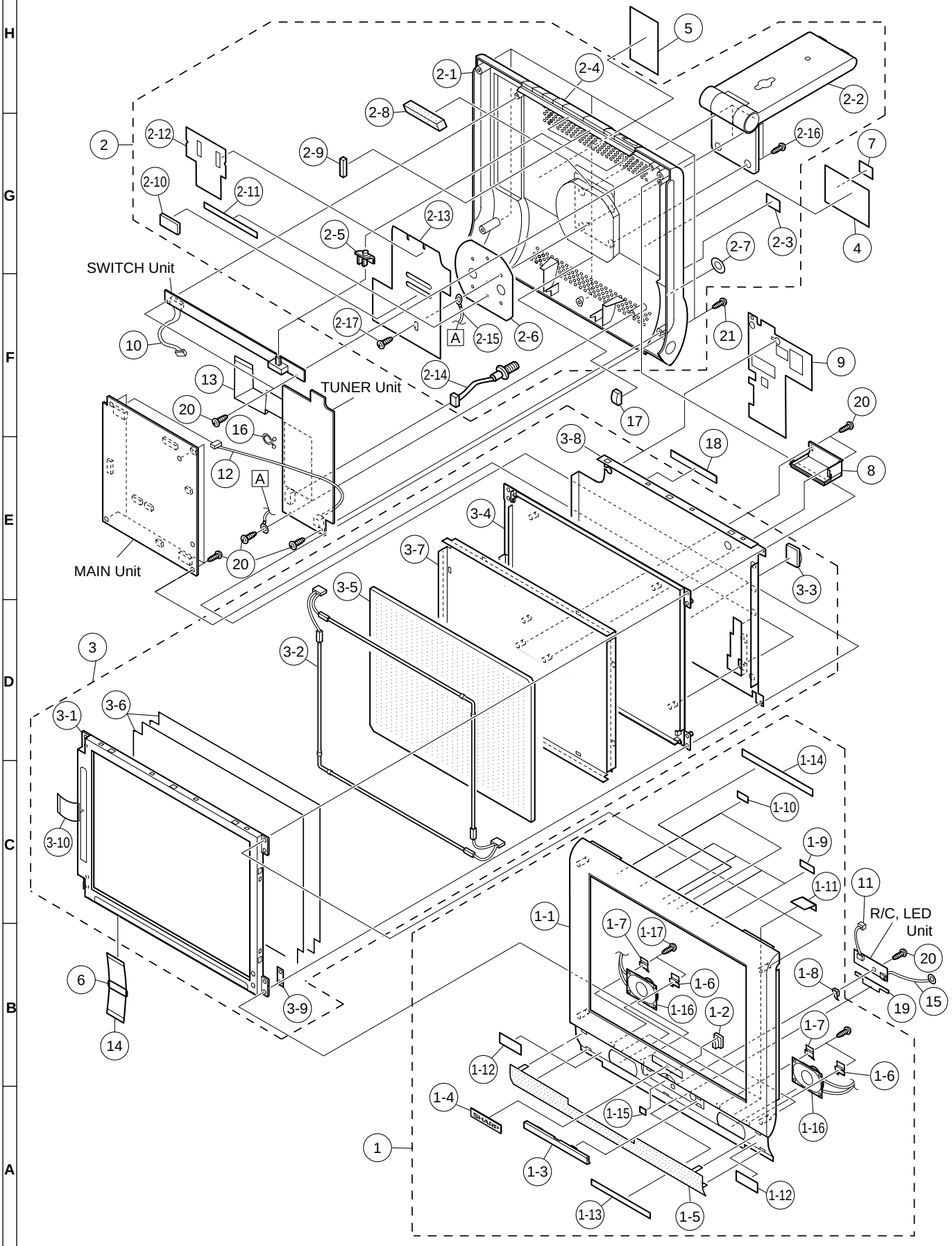
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
P701	QPLGN1178GEZZ	J	Plug, 11-pin	AC
P751	QPLGN0155FJZZY	J	Plug, 3-pin(HV)	AE
P752	QPLGN0155FJZZY	J	Plug, 3-pin(HV)	AE
P2002	QPLGN1320REZZ	J	Plug, 13-pin	AC
P2003	QPLGN0520REZZ	J	Plug, 5-pin	AB
P2004	QPLGN0420REZZ	J	Plug, 4-pin	AA
SC401	QSOCN0464FJZZY	J	Socket, 50-pin	AH
SC1201	QSOCN0461FJZZY	J	Socket, 53-pin	AH
SC1203	QSOCN0206FJZZY	J	Socket, 30-pin	AF

CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	CCABA2425CE01	J	Front Cabinet Ass'y (LC-10A3U-SA)	BD
1	CCABA2425CE03	J	Front Cabinet Ass'y (LC-10A3U-BA)	BD
1-1	*Not Available*	–	Front Cabinet	—
1-2	GCOVA1817CESA	J	LED Cover	AE
1-3	GCOVA1850CEKA	J	R/C Cover	AG
1-4	HBDGB3133CESK	J	Badge, "SHARP" (LC-10A3U-SA)	AG
1-4	HBDGB3133CESH	J	Badge, "SHARP" (LC-10A3U-BA)	AG
1-5	HDECA0200CESA	J	Decoration Plate	AK
1-6	LANGS0101CEFW	J	Fixing Metal, x2	AD
1-7	LANGS0102CEFW	J	Fixing Metal, x2	AD
1-8	MSPRP0200CEFW	J	Spring	AD
1-9	PSPAG2002CEZZ	J	Spacer, x4	AA
1-10	PSPAG2003CEZZ	J	Spacer, x2	AA
1-11	PSPAH0704CEUZ	J	Spacer, x2	AB
1-12	PSPAH1002CEZZ	J	Spacer, x2	AB
1-13	PSPAH1003CEZZ	J	Spacer, x1	AB
1-14	PSPAH1004CEZZ	J	Spacer, x1	AB
1-15	PSPAP0052CEZZ	J	Spacer, x1	AA
1-16	VSP4030P-558D	J	Speaker, x2	AQ
1-17	XEBSD20P05000	J	Screw, x4	AA
2	CCABB2291CE03	J	Rear Cabinet Ass'y	BG
2-1	*Not Available*	–	Rear Cabinet	—
2-2	GDAi-1084CESD	J	Set Stand	AX
2-3	HiNDP5629CESA	J	Indication Label	AE
2-4	JBTN-2051CEKA	J	Operation Button	AH
2-5	JKNBP1166CEKA	J	Power Button	AE
2-6	LANGF9600CEFW	J	Reinforcement Angle	AG
2-7	LX-NZ3047GEZZ	J	Antenna Nut, x1	AA
2-8	PMLT-0316CEZZ	J	Spacer, x1	AB
2-9	PMLT-0318CEZZ	J	Button Spacer, x2	AB
2-10	PMLT-0356CEZZ	J	Spacer, x1	AB
2-11	PSPAG2004CEZZ	J	Spacer, x1	AB
2-12	PSPAH1001CEZZ	J	Spacer, x1	AD
2-13	PZETZ0015CEZZ	J	Insulating Sheet	AG
2-14	QCNW-5760CEZZ	J	Connecting Cord	AP
2-15	QCNW-6047CEZZ	J	Connecting Cord	AC
2-16	XBPSF30P10KS0	J	Screw, x4	AB
2-17	XEBSD30P08000	J	Screw, x1	AA
3	*Not Available*	–	10" LCD Panel Unit Ass'y	—
3-1	RLCDTA019WJZZ		10" LCD Panel Unit	CV
⚠ 3-2	KLMP-0116CEZZ	J	Lamp Unit	AZ
3-3	LHLDW1173CEZZ	J	Wire Holder, x1	AD
3-4	LHLDZA126WJKZ	J	Panel Holder	AR
3-5	PGiDM0100CEZZ	J	Light Guide Panel	AV
3-6	PSHEP0271CEZZ	J	Diffusion Sheet, x2	AH
3-7	PSHEP0272CEZZ	J	Reflection Sheet	AF
3-8	PSLDMA125WJFW	J	Panel Shield	AK
3-9	PSPAK0035CEZZ	J	Spacer	AB
3-10	QCNW-6105CEZZ	J	Connecting Cord	AD
4	HiNDPA282WJSA		Model Label(LC-10A3U-BA)	AF
4	HiNDPA283WJSA		Model Label(LC-10A3U-SA)	AF
5	HiNDP5803CESA	J	Caution UL Label	AG
6	RCORF0064CEZZ	J	Core	AL
7	*Not Available*	–	Serial No. Label	—
8	PSLDM4674CEFW	J	Shield, for FFC	AF
9	PZETZA005WJZZ		Insulating Sheet	AF
10	QCNW-5279CEZZ	J	Connecting Cord	AF
11	QCNW-5285CEZZ	J	Connecting Cord	AF
12	QCNW-5538CEZZ	J	Connecting Cord	AG
13	QCNW-5745CEZZ	J	Connecting Cord	AN
14	QCNW-5951CEZZ	J	Connecting Cord	AF
15	QCNW-5710CEZZ	J	Connecting Cord	AC
16	LHLDW1060CEZZ	J	Wire Holder, x1	AB
17	LHLDW1173CEZZ	J	Wire Holder, x1	AD
18	PSPAG2000CEZZ	J	Spacer, for Button	AC

CABINET AND MECHANICAL PARTS



Ref. No.	Part No.	★	Description	Code
19	PSPAG2001CEZZ	J	Spacer, R/C, LED Cover	AE
20	XEBSD30P08000	J	Screw, x14	AA
21	XEBSF30P14000	J	Screw, x5	AA

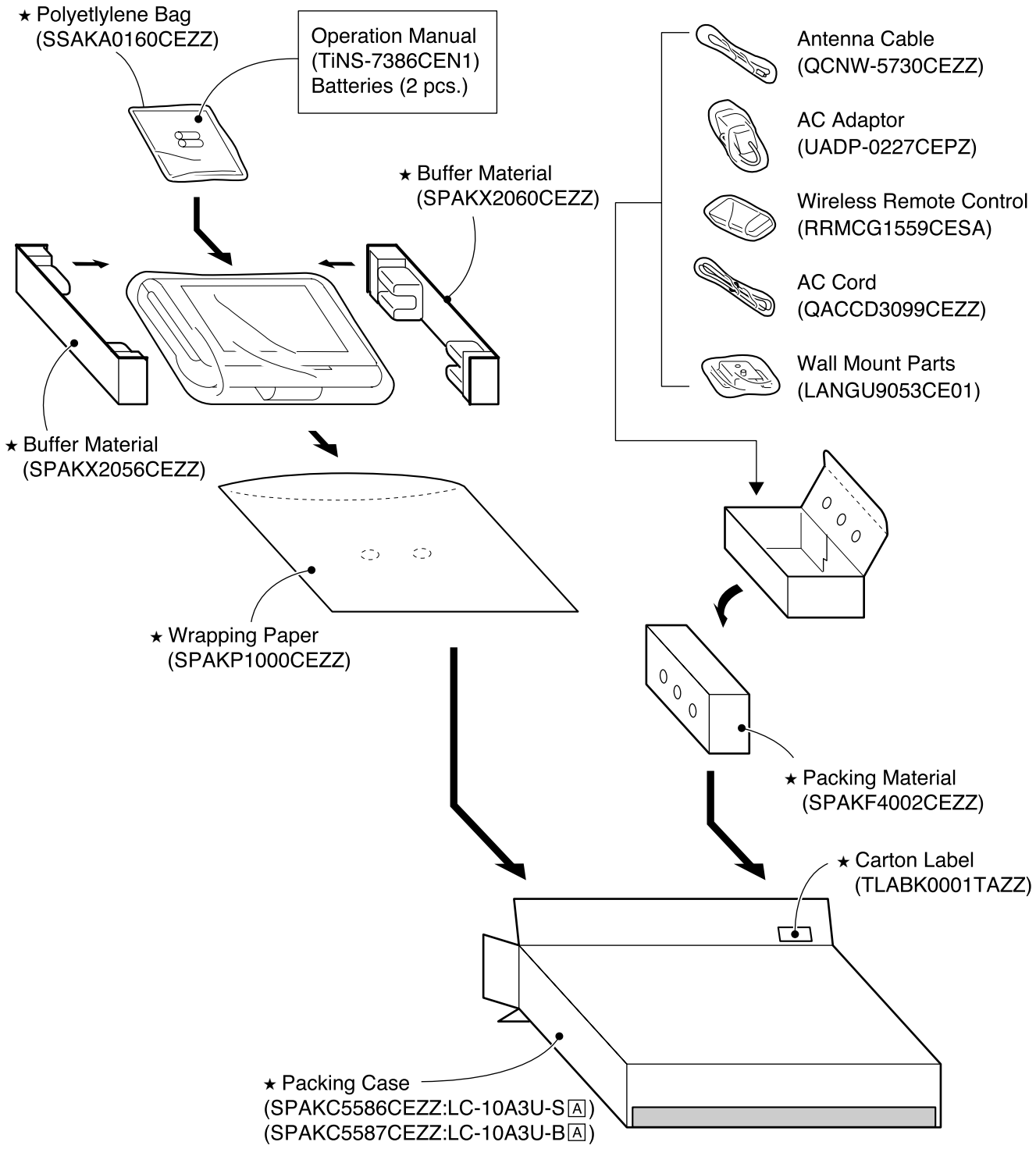
ACCESSORIES

Ref. No.	Part No.	★	Description	Code
	LANGU9053CE01	J	Wall Mount Parts	AS
⚠	QACCD3099CEPZ	J	AC Cord	AZ
	QCNW-5730CEZZ	J	Antenna Cable	AP
	RRMCG1559CESA	J	Wireless Remote Control	AV
	TCAUH0011CEZZ	J	Caution Card	AC
	TiNS-7386CEN1	J	Operation Manual	AP
⚠	UADP-0227CEPZ	J	AC Adapter	BF

PACKING PARTS
(NOT REPLACEMENT ITEM)

SPAKC5586CEZZ	–	Packing Case(LC-10A3U-S A)	—
SPAKC5587CEZZ	–	Packing Case(LC-10A3U-B A)	—
SPAKF4002CEZZ	–	Packing Material	—
SPAKP1000CEZZ	–	Wrapping Paper	—
SPAKX2056CEZZ	–	Buffer Material	—
SPAKX2060CEZZ	–	Buffer Material	—
SSAKA0160CEZZ	–	Polyethylene Bag	—
TLABK0001TAZZ	–	Carton Label	—

PACKING OF THE SET



★ :Not Replacement Item.

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